



Digitized by the Internet Archive
in 2014

<https://archive.org/details/b19974760M3671>



The

CHEMIST AND DRUGGIST

or RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2.

Registered as a Newspaper

3514
CXLVII

JUNE 28, 1947

Annual Subscription (with
Diary) 30/-. Single Copies 1/-.

*an
apple
always
falls
downward*

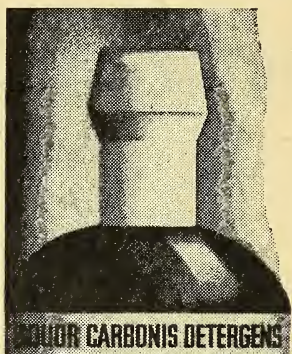
What is more commonplace than a ripe apple falling from a tree? Sir Isaac Newton's genius sought the explanation. He found and expressed it in his law of universal gravitation. Newton's law, like the air we breathe, silently exerts its effects every second of each day.

As faithfully as the natural laws upon which it is based, the Lilly Policy works day in and day out for the welfare of the retail pharmacist. Its effects are readily observed in the steadily increasing flow of prescriptions to the pharmacies of the nation. The quality products, extensive research, and ethical marketing practices of the Lilly organization will continue to increase prescription volume.



Lilly
TRADE MARK

ELI LILLY & COMPANY LIMITED
BASINGSTOKE AND LONDON



LIQUOR CARBONIS DETERGENS

THE ACTIVE PRINCIPLE
UNDERLYING

Wright's

COAL TAR SOAP

The Antiseptic and Antipruritic Constituent



Containing all the non-irritant therapeutically active substances of coal tar, Wright's Liquor Carbonis Detergens applied in the form of Wright's Coal Tar Soap, provides health protection for the skin.

Wright's Liquor Carbonis Detergens, uniform and stable in composition, is particularly indicated for many kinds of scaly or parasitic skin diseases.

Leading dermatologists in their published works pay high tribute to the effectiveness of Wright's Liquor Carbonis Detergens.

IDEAL FOR TOILET AND NURSERY



WRIGHT LAYMAN & UMNEY LTD • SOUTHWARK • S.E.1 • HOP 4021 (10 lines)



FOR THE PHARMACEUTICAL INDUSTRY

ACETYL SALICYLIC ACID BP ... ASPIRGRAN ...
 SALICYLIC ACID BP ... SODIUM SALICYLATE BP ...
 METHYL SALICYLATE BP ... PHENACETIN BP ...
 PHENOLPHTHALEIN BP ... SODIUM BENZOATE BP ...
 BENZOIC ACID BP ... VANILLIN ... PHENOL BP ...
 CRESOL BP ... LYSOL BP ... DISINFECTANT FLUIDS
 SHEEP DIPS ... CRESANTOL-3 ... CRESANTOL-15 ...
 CRESANTOL-15 R ... PCMC (CHLOROCRESOL BP) ...
 PCMX (CHLOROXYLENOL BP).

Unfortunately many of the above products are,
 temporarily, in short supply. In the
 meantime, however, we welcome your enquiries
 and will be glad to give you full information
 on present and future availability.

MONSANTO CHEMICALS LIMITED

LONDON SW1

not only

is Simpson's Foot Ointment advertised
on a very much larger scale than *any*
other foot preparation

not only

is it the accepted leader in its field (proved
by market investigation to *outsell every*
other foot preparation)

not only

does it yield you more profit than *any*
other foot preparation (over 40% on best
bonus terms)

but in addition

Simpson's is C.F.! It is, in fact, the **ONLY**
"C.F." foot preparation. In your own in-
terest it merits your strongest support, for
all the sales and profits are tied to you—
the pharmacist



THE CROOKES LABORATORIES LIMITED

*announce numerous alterations to
their 1946-7 Price List, the most
important of which are:—*

COLLOSOL CALCIUM

with Vitamin D (High Potency).

New dispensing pack: 80-oz. bottle 84/-
plus 9/4d. P. Tax.

HALYCALCYNE CAPSULES

Revised price: Bottle of 100, 9/6d.
exempt P. Tax.

LACTALUMINA

New packings: 12-oz. bottle 4/6d.
plus 6d. P. Tax.
80-oz. bottle 30/-
plus 3/4 P. Tax.

LACTO-CALAMINE PRODUCTS

Revised prices: Cream 1-oz. pot 1/9
plus 5d. P. Tax.
Talcum Powder tin 1/9d.
plus 1/4d. P. Tax.

VITAMINS

Crookes Vitamin B₁, B₂, B₆, and
Nicotinic Acid Tablets—all reduced in
price.

ZINC CREAM

Revised price: 1-oz. pot 1/6d.
plus 4d. P. Tax.

VITAMIN QUOTA CAPSULES

Now made to an improved formula which
provides in each capsule approximately one
half of the normal daily adult requirements
of Vitamins A, D, B₁, B₂, C and nicotinamide.
Bottles of 28—5/-, 100—15/-, 1,000—93/-
exempt P. Tax.

Prices subject to usual discount.

All changes to date are summarised on a
printed slip for insertion in the 1946-7 Price
List. May we send you one?

PATA



THE CROOKES LABORATORIES LIMITED
MARK ROYAL LONDON, N.W.10.

For BACTERIOLOGICAL SUGARS



THOMAS KERFOOT & CO. LTD., VALE of BARDSLEY, LANCASHIRE

K32

Cadbury's BOURN-VITA

SUPPLIES MAY BE OBTAINED
THROUGH YOUR WHOLESALE DRUGGIST



INDEX TO ADVERTISERS

Abbot Laboratories (England), Ltd.	xxii	Croda, Ltd.	13
Affiliated Basic Chemicals, Ltd.	xxi	Crookes Laboratories, Ltd.	3
Alpro Fillers & Engineering Co., Ltd.	iv	Cyclo Chemicals, Ltd.	xx
Algerine Dist. Agents	xxvi	Dae Health Laboratories, Ltd.	20
Alkermes Laboratories, Ltd.	18	Dales Aspirin & Tableting Co.	15
Amey Products, Ltd.	i	Daniel, Richard, & Son, Ltd.	13
Amey Honey Co., Ltd.	xxv	Dellwood, Ltd.	xxviii
Armstrong, Clark & Co., Ltd.	iii	Demuth, R., Ltd.	xxvii
Armstrong's Pills, Ltd.	24	Dimol Laboratories, Ltd.	xxiv
Armstrong & Sons, Ltd.	xix	Distillers Co., Ltd.	12
Armstrong, M. L., & Co.	xxviii	Dobson & Steiner, Ltd.	26
Armstrong, Hayes & Co., Ltd.	iii	Drury's Pharmaceuticals, Ltd.	Leader Page
Armstrong, Ltd.	xxix	Dunlop Hot Water Bottles	viii
Armstrong, W. H.	xxiii	Dyanese, Ltd.	xxvi
Armstrong-Norman Manufacturing Corporation	iv	E.N.T. Manufacturing Co., Ltd.	22
Armstrong, S., & Sons, Ltd.	ix	Edge, Wm., & Sons, Ltd.	14
Armstrong & Bamforth	xx	"Ekem" Engineering, Ltd.	vi
Armstrong Dental Sticks, Ltd.	26	Emmett Distributing Co., Ltd.	xxv
Armstrong Felsol Co., Ltd.	Cover iv	Emsa Works & Herbert Foot Appliance, Ltd.	x
Armstrong Schering, Ltd.	5	Esco (Rubber), Ltd.	viii
Armstrong & Schimmer	iii	Eucryl, Ltd.	15
Armstrong, Don, Ltd.	22	Evan Williams Co., Ltd.	xxvi
Armstrong-Bowker Tablet Co., Ltd.	vi	Favell, T. J., & Co., Ltd.	xix
Armstrong, James, Ltd.	Leader Page	Faylene Manufacturing Co.	xx
Armstrong, Wellcome & Co.	27	Ferris & Co., Ltd.	15
Armstrong, Beach & Gent, Ltd.	ii	Finley Kale, Ltd.	xxvi
Armstrong Bros., Ltd.	4	Freudentheil, Smith & Co.	Leader Page
Armstrong Quinine Works, Ltd.	Cover iii	Fryer & Co. (Nelson), Ltd.	22
Armstrong, W. B., Ltd.	6	Gibson, Robert, & Sons, Ltd.	12
Armstrong Products, Ltd.	ix	Glasfabrieken A. J. Bakker	xxx
Armstrong Sundries (Wholesale) Co.	xxii	Guenot	Leader Page
Armstrongbrough Manfg. Co., Ltd.	xv	Gutkind, F., & Co., Ltd.	ii
Armstrong Products, Ltd.	15	H.S. Bottle Co., Ltd.	xxx
Armstrong Consolidated Glass, Ltd.	ix	Haller Laboratories, Ltd.	xxviii
Armstrong, McDougall & Robertson, Ltd.	xvii	Hampshire, F. W., & Co., Ltd.	23
Armstrong, Arthur H., & Co., Ltd.	8	Harker, C. R., Stagg & Morgan, Ltd.	22
Armstrong, J., & Co.	xxviii	Harvey & Co. (Dublin), Ltd.	Leader Page
Armstrongwell Bros. & Marks	26	Hunter Beattie Products, Ltd.	xxv

(continued overleaf)

SYMBOL OF BRITISH SCHERING PRODUCTS



This mark distinguishes all products originating in the laboratories of British Schering Limited, where an already impressive range of ethical preparations is being constantly extended by original pharmacological research.

BRITISH SCHERING LIMITED

167-169 Great Portland Street, London, W.1

INDEX—(cont.)

International Chemical Co., Ltd.	19
Jackson, G., & Sons, Ltd.	14
Janssen's Herbal Tablets, Dr.	xxii
Jeffreys, Miller & Co., Ltd.	15
Johnson Agencies (Proprietaries), Ltd.	xiii
Kerfoot, T., & Co., Ltd.	4
Leader, Joseph	xxx
Lee-Narvill, Lennard & Co., Ltd.	xxx
Lewis (Import & Export), Ltd.	xvi
Lilly, Eli, & Co., Ltd.	Front Cover
London & Provincial Factors, Ltd.	xviii
Luminos, Ltd.	xvi
Macdonald & Son, Ltd.	vii
Marks, Leslie & Co., Ltd.	xxvi
Marshall's Proprietaries, Ltd.	xxii
Mather, Wm., Ltd.	xi
Maw, S., Son & Sons, Ltd.	11, xii
Mitchell Cotts & Co., Ltd.	xx
Monsanto Chemicals, Ltd.	1
Moore Medicinal Products, Ltd.	xxiii
Napp, H. R., Ltd.	Leader Page
National Association of Opticians	Leader Page
National Glass Works (York), Ltd.	v
National Savings	xvii
Navano Foot Preps.	vii
Newball & Mason, Ltd.	22
Niblett, C. P.	xxiv
Oxo, Ltd.	28
Percenta, Ltd.	xxii
Perken, Son & Co., Ltd.	x
Pharmaceutical Specialities (May & Baker), Ltd.	17
Pinauds, Ltd.	21
Platts, Page & Co., Ltd.	xxx
Porteus, Geo., & Sons (Leeds), Ltd.	vi
Potter & Clarke, Ltd.	25
Pritchards, Ltd.	12
Reed Bros. (Engineering), Ltd.	
Rendell, W. J., Ltd.	
Roberts' Patent Filling Machine Co., Ltd.	
Rodmill Chemical Co., Ltd.	
Rose, W. R., Ltd.	xv
Salter, George & Co., Ltd.	
Sandoz Products, Ltd.	
Saquerre, Ltd.	x
Savory & Moore, Ltd.	
Scurr, C. A.	x
Secto Co., Ltd.	x
Simpson, J. W. (Chemists), Ltd.	
Singer, Ernest M.	
Smith, Saville & Ptnrs.	xx
Songo	Leader Page
Stemco, Ltd.	xx
Sumner, R., & Co., Ltd.	
Surgical Equipment Supplies, Ltd.	
Sutton, W., & Co., Druggists' Sundries London, Ltd.	
Tampax, Ltd.	
Tezet Trade, Ltd.	xxv
Thackray, C. F., Ltd.	x
Town Talk Polish Co.	xv
Twinkle Headache Powders	Leader Page
Tye, John, & Son, Ltd.	x
Universal Brush Co.	x
Velvet Crepe Paper Co., Ltd.	v
Verva, Ltd.	xx
Virdox	x
Walden & Co. (Nufix), Ltd.	xxvi
Ward, T., & Sons, Ltd.	
Watford Chemical Co., Ltd.	1
Westminster Laboratories, Ltd.	
White, J. F., & Co., Ltd.	Leader Page
Wilson (Chemical Products), Ltd.	x
Wiseman, J. H., & Co., Ltd.	xx
Wood, T., & Son (Cleckheaton), Ltd.	
Woolley, J., Sons & Co., Ltd.	1
Wright, Layman & Umney, Ltd.	Cover

Please note revised retail prices!



Approved by the P.A.T.A., the trade is advised that from Monday, June 30th. the retail prices of Moorlands will be 9d. for the small size and 1/6d. for the large size, including purchase tax. Wholesale terms may be obtained on application.

Link up with our all-the-year round advertising by reminder counter displays.

There is a big future for Moorlands.

On the **P.A.T.A.** Protected List.

Revised retail prices from June 30th.—9d. and 1/6d. inc. tax.

W. B. CARTWRIGHT LTD., RAWDON, LEEDS



Once again it is possible to enclose our familiar red box of Rendells Pessaries in this modern hygienic covering.

All future deliveries to chemists will therefore be wrapped in "Cellophane" Cellulose film. We consider this extra refinement so apropos to our product that we would like to recall all unwrapped stocks of Rendells Pessaries in exchange for equal quantities of Cellulose-wrapped supplies.

★Your stocks should be returned promptly, because the Public will now expect to purchase Rendells with the outer transparent wrapping.

IMPORTANT. Postage will be refunded upon all goods returned *direct*. The sender's name and address must be written on the outside of all packages and the quantity returned stated.

R RENDELLS THE FIRST NAME IN FEMININE HYGIENE

W.J. RENDELL LTD., 161, ROSEBERY AVE., LONDON E.C.1

COX of BRIGHTON



PILLS AND TABLETS

PACKED OR BULK



TO STANDARD OR
SPECIAL FORMULÆ

ARTHUR H. COX & CO. LTD. BRIGHTON. ENGLAND

MANUFACTURING CHEMISTS SINCE 1839

BONOMINT

Supplied in 2 sizes
6 and 16 tablets

Each two tablets hygienically packed
in transparent cellulose.

From your C. F. Wholesaler or, in
case of difficulty, from the manufac-
turers:-

WESTMINSTER LABORATORIES, LTD.
Chalcot Road, London, N.W.1
Telephone: PRImrose 3395/6/7

CEDILANID

PURE CRYSTALLINE LANATOSID C,
ISOLATED FROM
DIGITALIS LANATA

TABLETS
AGAIN AVAILABLE

SUPPLIED IN :

TABLETS BOTTLES OF 40, 250 AND 500
ORAL SOLUTION BOTTLES OF 10 C.C.
AMPOULES 2 C.C. AND 4 C.C. . BOXES OF 6 AND 30



WHOLESALE DISTRIBUTORS :

BROOKS & Warburton Limited
232-242 VAUXHALL BRIDGE ROAD • LONDON • S.W.1

TECHNICAL ENQUIRIES :

SANDOZ PRODUCTS Limited
134 WIGMORE STREET • LONDON • W.1

An announcement concerning

NURONA

Sunbronze
and Suntan **CREAMS**

The Limitation of Supplies (Toilet Preparations) Order, together with the shortage of bottles, makes it possible to produce only a fraction of pre-war output of NURONA Sunbronze and Suntan Creams. We regret, therefore, that many of our customers will be disappointed with their supplies during the summer months.

JAMES WOOLLEY, SONS, & CO. LTD.
Victoria Bridge, Manchester, 3



Meritor

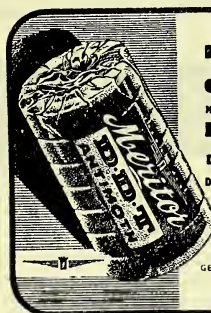
D. D. T.

ANTIMOTH

Advertising for Meritor D.D.T. Anti-Moth Rings is now in full swing.

Over 200,000,000 adverts. are appearing throughout the season in the following National Newspapers and Periodicals:

DAILIES: Daily Mail, Daily Express, Daily Herald, Daily Mirror, Daily Graphic, Telegraph, Times, News Chronicle, Evening News, Star, Evening Standard.



**moths
can't live
with
meritor**

D.D.T. ANTIMOTH

DEADLIER - LONGER LASTING

- CONTAINS POWERFUL D.D.T. GEL.
- PROTECTS CLOTHES, LINENS, TEXTILES
- RING SHAPE—CONVENIENT FOR HANGING

GET THEM AT YOUR CHEMIST TODAY
S. MAW, SON & SONS LTD.
NEW BARNET, HERTS.

SUNDAY PAPERS: Sunday Pictorial, Sunday Graphic, News of the World, People.

PERIODICALS: Punch, Radio Times, Illustrated, Picture Post, Housewife, Wife & Home, Womans Journal, John Bull.

SPECIMEN 3-in. D/C ADVT.

ARE YOUR STOCKS ADEQUATE TO MEET THE DEMAND?

Order now, by post, through our representative,
or from your local Chemist Wholesaler

Price: 5/4 Carton of 1 doz. pkts. **Retail 8d.**

Quantity 4 doz. lots 5/3 Carton 1 gross lots 5/2 Carton

Prices: 2½ gross lots 5/- Carton 5 gross lots 4/10 Carton

S. MAW, SON & SONS, LTD.,
ALDRSGATE HOUSE, NEW BARNET, HERTS.

Re-arm yourself for national recovery



VOL-VITE for extra Vitamin potency

HOWARD-TAYLOR LTD.
LONDON W.C.2

Re-arm yourself

VOL-VITE for extra Vitamin potency

HOWARD-TAYLOR LTD.
LONDON W.C.2

Re-arm yourself

VOL-VITE for extra Vitamin potency

HOWARD-TAYLOR LTD.
LONDON W.C.2

Re-arm your customers for increased fitness

More and more of your customers are being told about VOL-VITE—the chocolate-coated multi-vitamin tablets with standardised content of vitamins A, B₁, C and D₂. Daily they will be reading in national advertisements now appearing, the VOL-VITE can help to re-arm them to increased fitness in the drive to national recovery. Be prepared for their demands by ordering today from your usual wholesaler or direct from the sole distributors.

25 days' supply costs 4/6

36/- doz. in units of 1 doz. tin

VOL-VITE

The chocolate-coated multi-vitamin tablets
Another HOWARD-TAYLOR product

PATA

W. SUTTON & CO. DRUGGISTS SUNDRIES LONDON LTD
Horseshoe Lane, Enfield, Mddx. ENFIELD 4747 (10 lines)

Sole distributors:



The Chemists' Standard
GIBSON'S
'MECCA'
COUGH PASTILLES





ARAB SERIES

ROBERT GIBSON & SONS, LTD.
MANCHESTER & LONDON

PRITCHARD'S
TEETHING POWDERS
(APERIENT)

PRITCHARD'S
COOLING POWDERS
(NON-APERIENT)

1/3 (20 Powders). 6/- (96 Powders) Inc. Tax.
The 6/- Size Sold at 1d. each—Good Profit.
Pritchard's Ltd., Cheadle, Cheshire, Eng.

D.C.L. VITAMIN B₁ YEAST TABLETS

Each ounce contains a natural Vitamin B potency equivalent to that of 25 mgm. Aneurin Hydrochloride, 1.4 mgm. of Riboflavin, and 8 mgm. Nicotinic Acid. Each tablet contains 100 I.U. (approx.) Vitamin B₁. 100 TABLETS 3/9d. 50 TABLETS 2/3d.

MANUFACTURED BY
THE DISTILLERS CO. LTD., EDINBURGH.



serving the Industry

**TABLETS
PILLS
GALENICALS**

● Our long experience as specialists has won a reputation for our extensive range of products in all branches of the industry.

*Richard Daniel & Son
Derby*

MANUFACTURING CHEMISTS · DERBY 4266-8 · ESTABLISHED

1860

CRILLS

(POLYOL - ESTERS)

NON-IONIC SURFACE ACTIVE AGENTS

Many industrial processes hitherto regarded as impossible are now commercial actualities through the use of Surface Active Agents, of which Crills are an outstanding example. Crills range from Water-in-oil to Oil-in-water Emulsifiers and include Detergents, Solubilizers and Wetting Agents, which are assisting new and increased production in many spheres. Space prohibits fuller details, but samples and technical literature are available to enquirers.

EXPORT. Crills can only be supplied to firms in the U.K. for use in products intended solely for export. The procedure is quite simple, and details will be sent to all firms able to give this undertaking.

CRODA LIMITED

Administrative Office :

**CRODA HOUSE, SNAITH,
GOOLE, YORKS**

Telephone : SNAITH 77 (3 lines)

Telegrams : CRODA, GOOLE

Manchester Office :

**74 CORPORATION STREET
MANCHESTER, 4**

Tel : BLACKFRIARS 801

London Office :

**9 BEDFORD CHAMBERS,
COVENT GARDEN, W.C.2**

Tel : TEMPLE BAR 2063

WATFORD D.D.T. PREPARATIONS

Spray Powder Liquid Spray
Dusting Powder



WATFORD

CHEMICAL COMPANY LTD

30, BAKER STREET, LONDON, W.1

Telephone: WELbeck 0264/8

Telegrams: Watchempro, Wesde, London

The Favourite
**JACKSON'S
FEBRIFUGE**

1/5 3/5 5/8
Inc. Purchase Tax
Also other famous
specialties—
Drawing Ointment &
Camodine Ointment

GEORGE JACKSON & SONS LTD
BREWERY ST. HARPURHEY MANCHESTER 2

(JF 6

LIKE A CHANGE?

JEFFY dyes

See Drawing Card
White Goods & Colours Ltd. BOLTON

In the Public Eye . . .

We have continued to support the retailer by keeping JIFFY DYES always in the public eye. Now that supplies are growing better each day the value of firmly upholding "goodwill" must inevitably show itself. It pays to stock "goodwill" lines.

JIFFY DYES

Also **DRUMMER DYES**

Made by Wm. EDGE & SONS LTD. - BOLTON

219

New! MENOVO

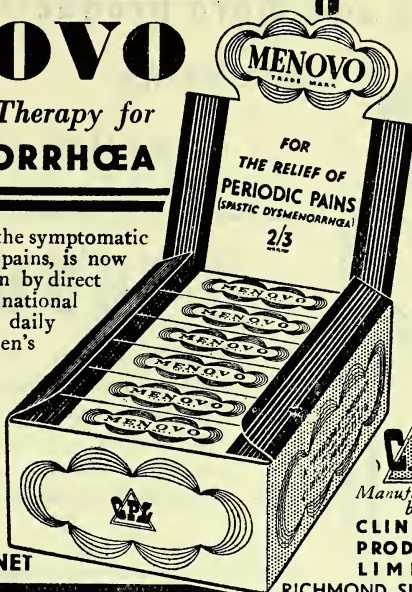
The Rational Therapy for
SPASTIC DYSMENORRHOEA

MENOVO, an entirely new approach to the symptomatic and antispasmodic therapy for menstrual pains, is now being introduced to the medical profession by direct mail and press announcements. A national campaign has also been arranged in the daily press, provincial newspapers and women's magazines

FORMULA: Bromisovalerylurea $\frac{1}{2}$ gr. (16.25 mg.); Carbromal $\frac{1}{2}$ gr. (48.75 mg.); Acetphenetidin (phenacetin) $\frac{1}{2}$ gr. (140.00 mg.); Ephed. hydrochlor. $\frac{1}{32}$ gr. (1.95 mg.); Codein phosph. $\frac{1}{32}$ gr. (3.25 mg.); Ext. bellad. sic. $\frac{1}{32}$ gr. (3.90 mg.); Sod. bicarb. 2 gr. (130.00 mg.); Aromatic carminative q.s., Excipient q.s.

Orders for "smalls" may be handled by your usual wholesaler. Bonus parcels obtainable only from the sole distributors in the U.K.

MAW OF BARNET



CPL
Manufactured
by
**CLINICAL
PRODUCTS
LIMITED**

RICHMOND, SURREY

NEPENTHE

*(The best and safest
preparation of Opium)*

Prescribed for over 100 years

**FERRIS & COMPANY
LIMITED, BRISTOL**

DRUGS, GALENICALS, PROPRIETARIES

Makers of 'Vitasac'

R. SUMNER & CO. LTD.

HANOVER STREET - LIVERPOOL, 1

8.134



Eucryl dentifrices
steady sales
steady profits

MILLAMALT

Sole Manufacturers

With Vitamins

The **VITAMIN
MALT FOOD**

(A. 6,500 I.U., D. 400 I.U.)
per fl. oz.

JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept.: 19 Brookside Rd., N.19

Compressed TABLET SERVICE

WHOLESALE & EXPORT

Clients' own material operated if desired. Reasonable estimates.

The DALES ASPIRIN AND TABLETING CO. Barrows Lane, STEETON, Yorks.

More and more products

are being

capsuled by

TYE



**A shield against
mosquitoes,
gnats, midges,
etc.**

TYESUCLEAN (REGD.)

Tyesuclean completely and speedily removes grease-spots from clothing. Effective and safe for all materials. 'Capsuled by Tye', it can be safely carried in suit case or handbag. It cannot crush, leak or spill.

**A miniature
Valet
Service**

Retailing at 9d.

Easy and pleasant to apply, and of proved efficiency, Antyemostik prevents mosquitoes and other insect nuisances from inflicting harmful, irritating bites. 'Capsuled by Tye', it can be carried in the pocket or handbag without risk of leakage or soiling.

Retailing at 1/5d. inc. Purchase tax

ANTYEMOSTIK (REGD.) (DIMETHYLPHTHALATE)

It can't leak....

it can't break....

if it's capsuled by

TYE



If your wholesaler does not stock, write to

TYESULES SUPPLY LTD., 459A CALEDONIAN RD., N.7

Intelligence Service

Our policy of close co-operation with the pharmacist in the distribution of our medical products demands that we keep him informed on all aspects of these products that will interest him.

To this end we publish an informative booklet on each of our products, a copy of which is available to pharmacists on request. Our sales departments are at your service to deal with enquiries by letter or telephone. Our representatives are ready to help you in any way they can.

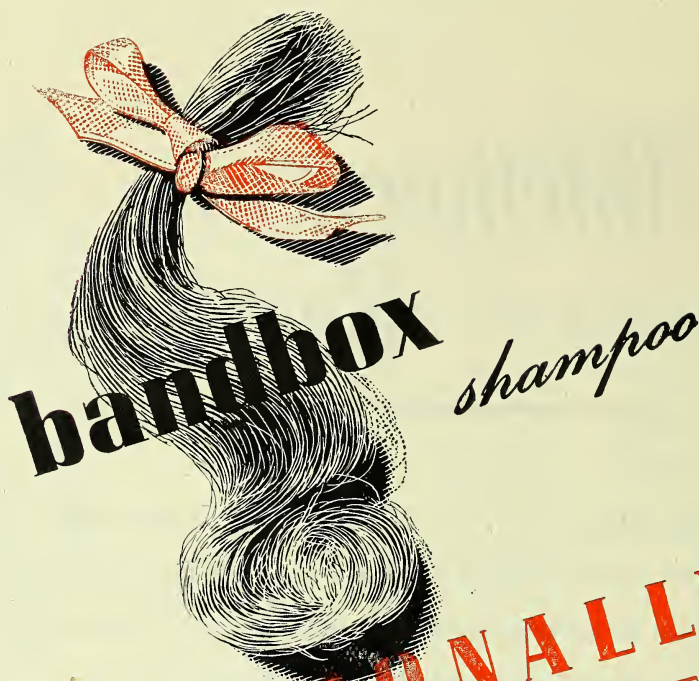
Telegrams :
Bismuth, Phone, London.



Telephone: ILFord 3060
(ext. 68—Specialities Trade Dept.)
(ext. 27—Specialities Hospitals Dept.)

M&B Medical Products, manufactured by
MAY & BAKER LTD.

Distributors
PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD., DAGENHAM



**NATIONALLY
ADVERTISED**

30,000,000 women constantly see this famous curl in the National Press. Bandbox is now their number one shampoo. Repeat sales leave no doubt of this. Bandbox removes all dandruff, dust and surplus oil. Leaves no deposit. Rinses out quickly. Bandbox leapt into fame overnight and no wonder!

2/- size 13/6 doz	} plus 33 $\frac{1}{3}$ % purchase tax ... shows you over 30% on selling
3/9 size 25/6 doz	
7/6 size 51/- doz	

ASHE LABORATORIES LTD · 120 VICTORIA ST · SW1 · TELEPHONE VICTORIA 6781-6

Change in price... of these 10 I.C.C. products—



Increased production costs have made it necessary to introduce higher prices for these ten I.C.C. products; but your percentage of profit remains unchanged. Your customers know them — they are household words, and well advertised — all are well worth the little extra being charged for them.

And remember, you also get 12½% display bonus on composite orders of *all* I.C.C. products of £10 and over, and an extra 10% display bonus on all orders of £5 and over.

from **July 1st***

★ NEW PRICES

	<i>Inc. Tax</i>		<i>Inc. Tax</i>
'ANADIN' 20's	now 1/6	'FREEZONE' FOOT	
'ANADIN' 50's	„ 3/0	COMPOUND	now 2/0
'BiSoDoL' POWDER		'LIMESTONE'	
Small ..	1/7	PHOSPHATE	„ 2/6
Large ..	3/8	LIQUID 'KOLYNOS' ..	2/4
'BiSoDoL' TABLETS			<i>Free of Tax</i>
Small ..	1/3	'KOLYNOS'	
Large ..	3/3	DENTURE	
'BISURATED'		FIXATIVE Small now	1/6
MAGNESIA		Large ..	3/9
POWDER Small ..	1/7		
Large ..	3/3		<i>Inc. Tax</i>
'BISURATED'		PEROX TOOTH	
MAGNESIA		PASTE	now 1/3
TABLETS Small ..	1/7	'SY-LAC' 2 oz.	„ 2/2
Large ..	3/3	'SV-LAC' 4 oz.	„ 3/6½
'FREEZONE'			
CORN REMOVER ..	1/8		

INTERNATIONAL CHEMICAL CO. LTD. Chenies St., London, W.C.1

Announcing NEW PRICES FOR VEET

As from July 1st the following prices will apply to medium size VEET. The only size available at the moment.

THE WORLD FAMOUS HAIR REMOVING CREAM

RETAIL including tax 2/4 per tube.

TRADE PRICE

3 DOZ. and over . . . 10/8 per doz.

Under 3 DOZ. 12/0 per doz.

PURCHASE TAX 12/0 per doz.

VEET IS STILL IN RESTRICTED SUPPLY

but any dealer who has not received a "quota" during the past two month can have 3 dozen while supplies last. 3 dozen will be sent carriage paid on receipt of cheque for £3 7s. 2d. being price including tax less 2½% cash discount.

DAE HEALTH LABORATORIES Ltd.
17 BERNERS STREET LONDON, W.1





LILAC VEGETAL

the after-Shave Lotion

Another Pinaud triumph returns! LILAC VEGETAL. This cool, refreshing, after-shaving lotion, made from the original Paris formula of 1830, is now in good supply. It sells well—it sells at 5/10d. (including purchase tax). From leading wholesalers, or from

PINAUD

PINAUD LTD., ATKINS ROAD, LONDON, S.W.12.

Members of the P.A.T.A. and H.T.A.



TRADE

MARK

C. R. HARKER, STAGG & MORGAN LTD

*have pleasure in announcing that they have
acquired the business, trade marks and rights
of Messrs. VETERPRO LTD. of GLASGOW
and that their subsidiary Company*

HARKERS VETERINARY REMEDIES LTD

*will be carrying on the manufacturing and
wholesale veterinary and agricultural business,
including the famous "VETERPRO RUB,"
hitherto conducted by Messrs. Veterpro Ltd.*

All trade enquiries should be addressed to :—

HARKERS VETERINARY REMEDIES LTD

TELEPHONE : MAYFAIR 4323

8 ST. GEORGE STREET, HANOVER SQUARE, LONDON, W. 1

CLARK'S medical LIVER & KIDNEY SALT

An old favourite and ready seller now available again, to
retail at 1/1½d. A Newball & Mason line. Attractive
pack, attractive terms. Write for details.

NEWBALL & MASON LTD., NOTTINGHAM. Est. 1850

DON BRYAN LTD.

Wholesale Chemists & Druggists
176/177 HIGH STREET, SWANSEA
Serving
SOUTH, WEST, and MID-WALES
Supplying
CHEMISTS ONLY

Victory V
GUMS & LOZENGES
make you many
WARM friends
N17

FRYER & CO. (Nelson) LTD. NELSON, LANC.



DATA

50% PROFIT on COST

... is assured if you display and sell

E.N.T. POWDERS & CAPSULES

Highly recommended for relief from headaches and all nerve pains
Safe stock, sound formula and very satisfactory profit bringers

From all Wholesalers or direct from :—

The E.N.T. MANUFACTURING COMPANY LIMITED
433 Gloucester Rd., BRISTOL 7;

London address :— BCM/ENTCO W.C.1

There will be MORE customers for you—
amongst the MILLIONS of WOMEN
who will see these
advertisements



Because she learned this
**She found
Fame and Fortune**

Margaret was an unknown model. Then a famous dress designer, by her flawless complexion, picked her to display Britain's dresses abroad. She thanked her stars that she'd kept her petal-soft, blemish-free with Snowfire Vanishing Cream. She's in South Africa now, but coming back soon on a visit with her new-found husband, a diamond mine-owner. And she still has

★ the sheer loveliness of a complexion kept lovely by the daily use of

Snowfire VANISHING CREAM

Sold everywhere at 1/2 and 7d including purchase tax

matched max

Snowfire Powder, petal soft and temperamental proof. Snowfire Powder-Cream hides lines, blemishes.
Both in these glamorous shades: Naturelle, Rachelle, Peach, Riviera and Tropical Tan, both priced at 1/2d and 7d.

IT'S THE BIG NEW SNOWFIRE ADVERTISING CAMPAIGN

in magazines, local papers, and in the national press that will bring **WOMEN FLOCKING TO YOUR SHOP** to buy the Snowfire range including Vanishing Cream, Face-Powder, Powder-Cream, Lipstick, Wave Set, etc. Snowfire Beauty Preparations are the first choice of most women who have to watch their cosmetic budget.

Snowfire **BEAUTY PREPARATIONS**

Made by F. W. Hampshire & Co. Ltd., Sunnydale, Derby

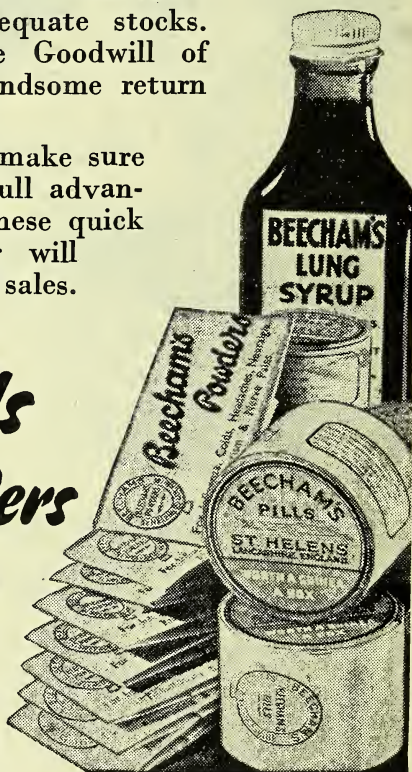
Ready Stocks *for Record Sales!*

To keep abreast of the demand for BEECHAM'S PRODUCTS you must keep adequate stocks. Every sale contributes to the Goodwill of your business and shows a handsome return on your turnover.

Check your stocks now and make sure you are in a position to take full advantage of the profits offered by these quick selling lines. A timely order will ensure ready stocks for record sales. BEECHAM'S means BUSINESS.

Beecham's Pills
Beecham's Powders
Beecham's Lung
Syrup

P.A.T.A.



BEECHAMS PILLS LTD • ST. HELENS • LANCS



Potter's Pharmaceutical Soaps and Germicides



SAPO MOLLIS B.P. VIRID. SAPO MOLLIS B.P.
SAPO MOLLIS COMMERCIAL

TYRO-LOL GERMICIDE
Three times stronger than Carbolic Acid.
Non-poisonous and non-irritating

Particulars and Prices of these and similar preparations
on request

POTTER & CLARKE LTD

60-64 Artillery Lane, LONDON, E.C.1.

Telephone: BISHopgate 4761

and

77 Dantzic Street, MANCHESTER 4.

Telephone: BLaCkfrIars 8734

A battery of hair beauty



Behind them is the nation-wide reputation and glamour of the Steiner salon—ensuring immediate sale and appreciably adding to the reputation of the retailer who sells them. Every one of them offers good profit margins and all-the-year-round turnover.

Retail Prices including purchase tax :

'S3' 4/9 and 9/- Brilliantine 5/6
Sebosyn 10/- Blue Essence 5/-



Write for trade terms to :

DOBSON & STEINER LIMITED
66 GROSVENOR STREET W1 MAYFAIR 8740



The Warehouses of Cresswell Brothers and Marks.
We have warehouses at Egina, Greece, and are represented at all major centres of the Sponge Industry throughout the world. Let us record your name for earliest possible delivery of "RELIANCE" SPONGES & CHAMOIS LEATHERS.

CRESSWELL BROS. AND MARKS

(INTERNATIONAL SPONGE IMPORTERS, LTD.)
5A, BUCK STREET, CAMDEN TOWN, N.W.1
PHONE GULLIVER 5462-3 *GRAMS SPONGE, NORWICH, LONDON

*Dental Sticks
are specially
made for
massaging the
gums - They
are not Tooth-
picks*

Dental Sticks are manufactured from various types of specially selected soft and hard woods and also from whalebones, and are intended entirely for massaging the gums between the teeth.

BRITISH DENTAL STICKS LIMITED
NEWCASTLE-ON-TYNE 4

OVER 60% PROFIT
ON OUTLAY
WITH 'SKETOFAK'
NEW BONUS ★



This really worth-having bonus will net you a total profit of over 60% on outlay for every 'Sketofax' sale! Our representatives will give you the details next time they call on you. Vigorous advertising is going to create a big demand for 'Sketofax' this summer. So order early and prepare for brisk trade.

LIVELY DISPLAYS MEAN LIVELY SALES

'Sketofax' insect repellent comes to you neatly packed in these compact, eye-catching display outers. Simply open out, place on your counter and lively sales will follow. There is also an arresting 3-colour showcard to link up your window display with 'Sketofax' advertising.

'SKETOFAK' BRAND Liquid Insect Repellent

Display outers containing:—
 72 capsules in packs of 6

1/4 PLUS 2d. PURCHASE TAX

'SKETOFAK' BRAND ★ Cream Insect Repellent

Display outers containing:—
 12 tubes

1/4 PLUS 2d. PURCHASE TAX

(T.46a)

**"MEDILAX"**

TRADE MARK BRAND

Laxative Pellets

Meeting the need for something more persuasive than ordinary laxatives. "Medilax" is imperative without being discomforting and, unlike drastic purgatives, does not induce a subsequent state of constipation which is often more acute than the first. Silver coated and oval shaped they are easily, pleasantly swallowed.

**"Dr. JENNER'S
ABSORBENT LOZENGES"**

TRADE MARK BRAND

Digestive Tablets

The proved specific for digestive disorders is "Dr. Jenner's Absorbent Lozenges." Discovered 150 years ago by the great pioneer of vaccination, this is one of the very few proprietary medicines regularly prescribed by General Practitioners and by Specialists.

"MORYL"

TRADE MARK BRAND

Carbarchol

Powerful parasympathetic stimulant.

"TETRONOX"

TRADE MARK BRAND

Tablets

Reliable, hypnotic and sedative.

MARTINDALE

"E-S-T-P"

TRADE MARK BRAND

Ether-Soluble Tar Paste

An advance in coal tar therapy. Of particular value in eczema of all forms.

MARTINDALE

"STERULES"

TRADE MARK BRAND

Wide range of products for injection.

SQUIBB

"QUINOLOR"

TRADE MARK BRAND

Compound Ointment

Tissue-repair promoting Antiseptic.

Full details on request to:—

Savory & Moore, Ltd.

Chemists to The King

Lawrence Road, Tottenham, N.15
or Wm. Martindale, 50, Wigmore St., W.1

P.A.T.A.**"OXOID"**

Therapeutical
Preparations

"OXOID" Brand**HORMONOXOID**

(Thyroid—Pituitary W.G.—Gonadic)

TABLETS

Use

For the treatment of

**CLIMACTERIC
DISTURBANCES**

AMENORRHOEA**DYSMENORRHOEA****PREMATURE****SENILITY****OBESITY****REJUVENATION**Supplied

Tablets, in bottles
of 25, 100, 250, 500
and 1,000.

Notes

Suitably prescribed in cases where the symptoms indicate a disturbance in the normal functioning of the glands. Further information may be obtained from "Oxoid" Leaflet No. 107.

OXO LIMITED

(Medical Dept.)

Thames House, Queen St. Place,
London, E.C.4

The



CHEMIST AND DRUGGIST

For RETAILER—WHOLESALE—MANUFACTURER

Published weekly at 28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams : "CHEMICUS, ESTRAND, LONDON."

Telephone : CENTRAL 6565 (10 lines)

CONTENTS

Births	742	Marriages	742
Business Changes	755	Miscellaneous Inquiries	757
Business Queries and Answers	756	Personalities	742
Changes in N.W.F. Third Edition	744	P. A. T. A.	741
Coming Events	762	Pharmacist's Anthology	752
Company News	736	Retirement of Mr. T. T. Cocking	743
Correspondence	755	Scottish Pharmaceutical Federation	754
Dail Debate on Eire Health Bill	747	Seychelles Cinnamon Oil	761
Deaths	742	Staff Changes	743
Editorial Articles:—		The Week in Parliament	738
Formulary Changes	749	Topical Reflections	737
Hot-water Bottle Prices	749	Trade Marks	762
Britain's Exports in May	750	Trade Notes	740
Infestation Control	750	Trade Report	758
"Electronic Engineering" Changes	739	Trinidad Lemongrass Oil	761
From Leeches to Penicillin	751	U.S. Chemical Exports	761
Information Wanted	748	Veterinary Abstracts	753
Legal Reports	736	Wills	746

NEWS OF THE WEEK

Closing Hours Deputation.—The Home Secretary has agreed to receive on July 14 a deputation from the Union of Shop, Distributive and Allied Workers, to discuss the interim report of the Gowers Committee on shop closing hours (see *C. & D.*, May 3, p. 479).

Insecticide Manufacturers.—The Association of British Insecticide Manufacturers point out that they omitted the name of Mr. J. E. R. Simons (George Monro, Ltd.) from the list of members of the Association's executive committee (*C. & D.*, June 7, p. 642).

Catholic Pharmaceutical Congress.—The annual congress of the Catholic Pharmaceutical Guild, held recently in Glasgow, was attended by delegates and chaplains from branches in England, Ireland and Scotland. It was announced that new branches would shortly be formed in Leeds and Newcastle.

Pension Scheme for N.H.S. Staff.—The Minister of Health has laid before Parliament draft regulations for a contributory superannuation scheme to cover the staffs

of all hospitals, hospital managing boards and Executive Councils under the National Health Service, and to cover doctors, dentists, specialists, and pharmacists in the full-time employ of the service.

Wholesale Prices in May.—An increase of 1 per cent. is recorded in the wholesale prices for May, as measured by the Board of Trade index number, compared with April. This increase in the "chemicals and oils" group was largely confined to petroleum products. As a result of a price increase in April, average prices of refined groundnut oil in May showed a rise of 4½ per cent.

Control of Narcotic Drugs.—The text of a protocol on the international control of narcotic drugs, signed at New York in December 1946 by representatives of some fifty governments, has been published recently by H.M. Stationery Office (Cmd. 7135), price sixpence. Under the protocol the governments agree to adhere to the agreements, conventions and protocols concluded at the Hague in 1912, at Geneva in 1925, 1931 and 1936, and at Bangkok in

1931, during and after the transfer of control functions, formerly performed by the League of Nations, to the appropriate departments of the United Nations.

Diphtheria Immunisation.—The Chief Medical Officer of the Ministry of Health has sent to all local medical officers a circular suggesting that, as the immunity against diphtheria conferred by artificial immunisation in infancy is not maintained indefinitely, reinforcing doses should be given when school life begins and again at the age of ten. The use of diphtheria toxoid-antitoxin floccules (T.A.F.) is recommended for reinforcement doses, as alum-precipitated toxoid (A.P.T.) has been found to cause reactions in some children. A.P.T. continues to be recommended for primary immunisation.

Centralised Research.—The Beecham Research Laboratories, Brockham Park, Betchworth, Surrey, were formally opened by Sir Alexander Fleming, F.R.S., on June 18. He was introduced by Sir Stanley Holmes, M.P. (chairman, Beecham Group, Ltd.), who received the guests. After the opening ceremony the guests toured the laboratories, some of which are engaged in testing and investigating the many foodstuffs, medicinal, veterinary and agricultural preparations, cosmetics and other products of the companies within the Beecham group, others exclusively on research. The grounds of Brockham Park, consisting of 150 acres, are being used for veterinary, agricultural and horticultural researches. Following the inspection of the laboratories the guests, who included the Rt. Hon. Ernest Brown (Minister of Health, 1941-43), Mr. F. A. S. Gwatkin (chairman, Proprietary Association of Great Britain) and Mr. Arthur Mortimer (managing director, J. C. Eno, Ltd.), were entertained to luncheon by the directors.

Fluorine Content of Foods.—The Minister of Food has made an Order, the Fluorine in Food Order, 1947 (S.R. & O., 1947, No. 1134) specifying the permissible limits for the fluorine content of acidic phosphates used in the manufacture of food. After October 1 it will be illegal to manufacture for sale or to sell for use in the composition or preparation of food (1) any calcium acid phosphate, sodium acid pyrophosphate or any other acidic phosphate if the fluorine content by weight exceeds 300 parts per million, or (2) any diluted acidic phosphate if the fluorine content exceeds 300 parts per million parts of the acid phosphate present. After November 1 it will be

illegal to manufacture for sale or for the manufacturer to sell any baking powder if the fluorine content by weight exceeds 100 parts per million, but provision has been made for an increase in the fluorine limit up to 133 parts per million for a concentrated baking powder yielding not less than 15 per cent. of available carbon dioxide. It will also be illegal to manufacture for sale or for the manufacturer to sell self-raising flour or any similar product with a fluorine content by weight of more than eight parts per million.

LOCAL NEWS

Blackpool Junior Section.—A visit to the Speke factory of Evans Medical Supplies, Ltd., was organised by the junior section of the Blackpool Branch of the Pharmaceutical Society on June 18. The party, which consisted of thirty-eight pharmacists and apprentices, was taken on a tour of the factory and later entertained to tea. Visits to other factories are being planned.

Manchester Golf.—In a four-ball match between the local Dental and Pharmaceutical Golfing Societies played at Manchester on June 11, the pharmacists won by six matches to two. The competitors had tea together after the match and Mr. T. Miller (president, Manchester Pharmaceutical Golfing Society) said the match had proved so enjoyable that he hoped it would be made an annual event. Thanks were expressed to the secretaries of the two societies who had arranged the match.

London Athletic Contest.—The London Business Houses Amateur Sports Association is among the associations competing for a shield presented by the "Financial Times" at the nineteenth annual City and Hospitals charity athletic contest to be held at the University of London Sports Ground, Motspur Park, Surrey, on July 12. Proceeds are to be donated to hospital funds. Tickets may be obtained (price 1s. 6d. each) from Mr. H. A. Johnston, British and Foreign Marine Insurance Co., Ltd., 3 Lime Street, London, E.C.3.

Outing to Southsea.—The directors and staff of James Burrough, Ltd., Cale Distillery, Lambeth, for their annual outing on June 14, travelled to Southsea by coach and private car. During luncheon Mr. Ernest Burrough, who presided, presented an electric clock and a cheque to Mr. A. Pryor in recognition of his thirty-five years' service with the company and to mark his retirement at the end of the month. A toast

to the company was proposed by Mr. J. Scott. Although the weather was disappointing, the day proved a great success.

Visit to Welwyn Factory.—More than thirty members of the West Metropolitan Branch of the Pharmaceutical Society visited the factory of Herts Pharmaceuticals, Ltd., at Welwyn Garden City, on June 12. The tour was arranged by Mr. G. F. Butterworth (secretary). The party watched with interest the manufacture and packing of the company's products and visited the research, bacteriological, technical development and control laboratories. At the close of the visit Mr. Frank Noble (chairman) expressed the thanks of the visitors.

Brighton Annual Meeting.—The annual meeting of the Brighton and Hove Branch of the Pharmaceutical Society was held on June 19 with eighty-two members and friends present. Mr. Donald Hudson, (chairman) presided. Messrs. D. Hudson, H. B. Mackie and J. E. Vickers were appointed to attend the British Pharmaceutical Conference at Torquay in September. The following officers for 1947-48 were elected: *Chairman*, Mr. D. Hudson; *Vice-chairmen*, Messrs. Stuart Padwick (*chairman-elect*) and S. F. George; *Auditor*, Miss N. Bines; *Treasurer*, Mrs. Motts; *Secretary*, Mr. Edgar Jones; *Deputy Secretary*, Mr. Arch Wilson; *Committee*, Messrs. E. Cosstick, John Hughes and T. Rees Morgan. After the routine business, refreshments were served and the rest of the evening was occupied by a variety programme.

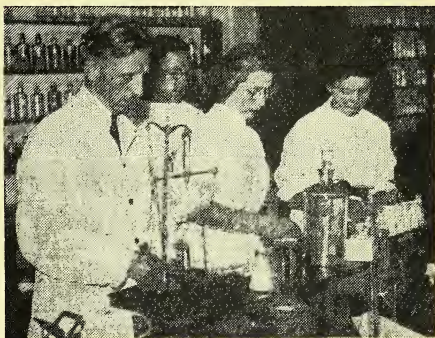
IRISH NEWS

Dublin Drug Strike Ends.—The strike of some 400 wholesale drug workers in Dublin (see *C. & D.*, March 8, p. 238) ended on June 22 when a new offer made by the Irish Drug Association was accepted by the strikers. Work resumed on June 23. The new terms provide for an all-round weekly increase of 16s. 6d. for men, and of 7s. 2d. for women. Large stocks of drugs and proprietaries which had been lying at Dublin docks are now being delivered to wholesalers, but it will be some weeks before a normal service is available. During the strike, supplies of essential drugs and dressings to hospitals were maintained by agreement with the strike committee.

Outing in Antrim.—At the annual outing of the Chemists' and Druggists' Society of Ireland to Whitehead, co. Antrim, on June 18, members and friends were wel-

comed by Mr. Fred Storey (president). Mr. R. Williams (Queen's University, Belfast), and Mrs. Williams (an English pharmacist) were among the party and a message of welcome to them was expressed by Messrs. E. A. Richey and Thomas McDowell. Mrs. Williams, in reply, said she had attended the British Pharmaceutical Conference in Belfast in 1935. A vote of thanks was passed on the motion of Mr. H. Johnston, seconded by Mr. Frank Boyle, to Mr. H. McQuitty (secretary), who had made the arrangements.

N.I. Council at Londonderry.—Members of the Council of the Pharmaceutical Society of Northern Ireland were the guests of the Londonderry Chemists' Association on a tour of co. Donegal on June 19. The outing was held after the monthly meeting of the Council which had been held in Londonderry. There was a good attendance of members of the Londonderry Association at luncheon which was served at Buncrana, where the visitors were welcomed by Messrs. Samuel Dale (on behalf of the president, Mr. Robert Blair), G. V. Duffy (secretary), J. D. McCafferty and James Glendinning, Londonderry (a past president of the Society and a member of the Council through whom the invitation to Londonderry had been extended). Mr. John McGregor (vice-president) expressed the thanks of the members of the Council and their wives. In the afternoon the party drove to Malin Head and tea was served on return to Buncrana. A photograph taken of the group is reproduced on p. 747.



POLISH PHARMACISTS AT BRIGHTON.—Some of the Polish pharmacists who attended a recent course at the School of Pharmacy, Brighton Technical College, photographed at work in the dispensing laboratory. All the students held degrees in pharmacy from Polish universities. The course was one of several arranged by Mr. H. B. Mackie (head of the school) in collaboration with the Pharmaceutical Society.

COMPANY NEWS

JOHN COLLETT (CHEMIST), LTD. (P.C.).—Capital £6,500. To acquire the business of a chemist, druggist, optician, etc., carried on by Emily K. Collett. Emily K. Collett and George T. Evans, M.P.S., directors. R.O.: 13 High Street, West Wickham, Kent.

JAMIESON CHEMISTS (HOVE), LTD. (P.C.).—Capital £10,000. To carry on the business of manufacturing chemists and druggists, etc. Robert G. Eacott, M.P.S., and Edgar C. D. Jamieson, directors. R.O.: 54 Bounces Road, Edmonton, London, N.9.

VICK INTERNATIONAL, LTD. (P.C.).—Capital £15,000. To carry on the business of manufacturers of and wholesale and retail dealers in pharmaceutical remedies and preparations, pastes, powders, soaps, etc. First directors are to be appointed. R.O.: 209-215 Blackfriars Road, London, S.E.1.

NORTHERN PROPRIETARIES, LTD. (P.C.).—Registered in Belfast. Capital £2,000. To acquire the business of a manufacturing and wholesale chemist now carried on by James Donaghy at Church Street, Ballymoney, Northern Ireland, as "The Northern Proprietary Company." James Donaghy and S. Haydock, directors. R.O.: 10 Townhall Street, Belfast.

PANNETT & NEDEN, LTD. (P.C.).—Capital £30,000. To acquire the factory, land, stock, plant, motors, fixtures and fittings of the business carried on by R. West & H. J. Ball at 206-08 Stewarts Road, London, S.W.8, as "Pannett & Neden" and to carry on the business of herb growers, dryers and merchants, manufacturers of and dealers in food preparations, cosmetics, toilet preparations, etc. R. West, E. P. West, H. J. Ball, S. R. Neden and F. Lehmann, directors.

JOHN KNIGHT, LTD.—Net profit for 1946, after provision for taxation, amounted to £178,260, as against £163,298 in the previous year. Dividend for the year is 15 per cent., the same as in 1945.

ASHE LABORATORIES, LTD.—The company announce that they have sold their share-holding interest in Southern Manufacturing Co. and Pharmaceutical Distributors (Glasgow), Ltd., both of Glasgow. The directors representing the Ashe interest on the board of these companies resigned on March 31.

BEECHAM GROUP, LTD.—Net profit for the year ended March 31 amounted to £515,758, after providing £1,751,490 for taxation, compared with £437,528 for the previous year, when the tax provision was £2,027,624. A final dividend of 4 per cent. is recommended, making 40 for the year, against 36 per cent. in 1945-46.

FISONS, LTD.—Net profit for the year ended September 30, 1946, amounted to £232,006, as against £140,939 in the previous

year. A final dividend is recommended of $7\frac{1}{2}$ per cent. plus a bonus of 2 per cent. on the ordinary stock, making 12 per cent. for the year, compared with 10 per cent. in the previous year. The carry forward is £81,208, compared with £59,037.

SANGERS, LTD.—Net profit, before provision for tax, for the eleven months ended February 28, amounted to £322,687 (including capital profits of £7,303) as against £266,036 in the previous year. Profits tax and E.P.T. is estimated at £39,325, and the final dividend is 20 per cent., making 30 per cent. for the eleven months. In addition a capital profits tax of 1.2 per cent., free of tax, is to be paid. Previous year's dividend was 25 per cent., plus a bonus of 5 per cent. The carry-forward is increased by £24,373.

LEGAL REPORTS

Manslaughter Verdict.—A sentence of twenty-one months' imprisonment, with a five-year ban on driving, was passed at Gloucester, recently, on a soldier who had been convicted of the manslaughter of a Charlton Kings pharmacist in a collision at High Street, Cheltenham, on February 14.

Sugar Content of a Cordial.—The question whether a sale of lime juice cordial, alleged to be deficient in sugar, was prejudicial to the consumer, was considered by the bench at Rugeley, Staffs, on June 19, when F. W. Woolworth & Co., Ltd., were before the court on a summons by the Staffordshire County Council. The county analyst, who gave evidence, said the cordial was 45 per cent. deficient in sugar. For the company, it was stated that there had been a series of Soft Drinks Orders, and there was no doubt the analyst had based his opinion on the 1946 order, which laid down that there should be 15 per cent. of sugar. For years the ordinary man had been getting a sugar content of only $7\frac{1}{2}$ per cent., and it was submitted that that should be the same today, whereas they had 8 per cent. on the analyst's certificate. Retailers could not be expected to check up each bottle to see what the standard was, and as the company could not trace the source from which the bottles reached them, they were unable to take any action against the supplier, who was responsible. The chairman of the magistrates (Mr. F. Hill) said the bench felt there had been a case proved, but there were extenuating circumstances. They thought justice would be met by payment by the company of £5 11s. 6d. costs. On the application of the defending solicitor, the bench agreed to state a case.

TOPICAL REFLECTIONS

Memories and the Future

Your felicitous phrase "a paper memory" (p. 720) apropos of a C. & D. editorial article written eighty-seven years ago serves as a reminder of other occasions when the outlook for pharmacy in this country was discussed. I do not propose to delve into either your series of volumes or my memory further than to point out that you have consistently declined to ally yourself with prophets of evil. When we find thoughtful observers, in past centuries, declaring that Britain was heading for immediate ruin, we conclude that such an opinion indicated a temporary mood of depression. The speech of Mr. F. C. Wilson on which you comment (p. 719) appears to be another instance of temporary depression overtaking a thoughtful observer. I heartily agree with your conviction that "there is a promising future for the man in the shop." Admittedly the signs of the times are not easy to decipher. According to information recently given me, the present shortage of manpower is being accentuated by the return of substantial numbers of men to the Forces. If this is so, there will not be much leisure for the proprietor of a pharmacy, any more than for his predecessor of 1860, to become "an authority upon analysis, a contributor to scientific journals, and the author, it may be, of sterling treatises upon his art." Nor will he be able to attend as many meetings of chemists as he would wish. This condition will throw more responsibility on those chosen to conduct the affairs of national executives.

A Difficult Question

Your bold suggestion about the origin of the Winchester quart (p. 726) is likely to hold the field indefinitely. The article "Bottles as Standards" in your issue of January 17, 1925, states that the Winchester quart is not a measure of capacity but the name of a particular kind of bottle. Was the term once a standard of measure? In an illustrated article on weights and measures (C. & D., 1929, I, 816-33) you quote the following decree of William the Conqueror: "Statuimus et præcipimus quod habeant per universum regnum mensuras fidelissimas et signatas . . . sicut boni prædecessores nostri statuerunt." That decree indicated continuity. "Signatas" is considered by the writer of the article to mean "designated with a denomination" rather than "stamped." Even if weights and measures were stamped in the Middle Ages, the available evidence is so slender that we are not appreciably nearer a solution of the Winchester-quart difficulty. Among the data

in the article just referred to is a comparison of standard gallons made in a report of a Select Committee of the House of Commons presented in 1821. The Exchequer gallon equalled 270.4 cubic inches; the gallon as derived from the bushel 266.1; the gallon in a definition in an Act of William III 268.8; from the pint 276.9; from the quart 279.3; the beer gallon of an unnamed Act 282; the Winchester gallon 272.25. The deviation between these measures being so small, and a quart being one-fourth of a gallon, how does it happen that a Winchester quart holds approximately half a gallon? One possibility is that just as a gill is, or used to be, half a pint in the North of England, a Winchester gallon equalled two local quarts, not four.

Confusion Likely

The difficulty of dispensing English prescriptions in Scotland, and Scottish prescriptions in England, must, at the end of the eighteenth century, owing to difficulties with weights and measures, have been formidable. Before the publication of the 1788 Pharmacopœia Londinensis, the English dispenser had to distinguish between the libra, a pound equal to twelve apothecary's ounces, and the libra, a pint of sixteen ounces. The P. L. of 1788 introduced the letters P (for weight) and M (for measure), thus lessening one difficulty. On the other side of the Border the Edinburgh Royal College of Physicians ordered, in 1792, that troy weight was to be used for liquids as well as for solids. It was realised, however, that this drastic step was unlikely to commend itself everywhere; so, "for greater convenience in weighing water, wine and other fluids of nearly the same specific gravity, they recommended the use of glass measures subdivided like the weights into ounces, drachms and grains." The measures were cylindrical and were in three sizes. The largest was graduated in twelve ounces; the intermediate was of two-ounce capacity with sixteen divisions; the smallest was a two-drachm measure. (Do any specimens survive in museums?) The change made in Edinburgh seems to have influenced the authorities of the London Royal College of Physicians, and to have been the effective cause of certain changes introduced when the next P.L. appeared in 1809. One improvement was the new symbol O for octarius, though the pint still contained only sixteen ounces. Another innovation, a valuable one, was the introduction of the minim, replacing the unscientific drop which was, of course, of variable size.

Xrayser

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

ON June 16 MR. G. R. CHETWYND asked the Minister of Supply if he had considered the B.I.O.S. Final Report, No. 1007, "Instrumentation and Control in the German Chemical Industry," and what action he proposed to take to implement the recommendations of the report. MR. JOHN WILMOT replied that the recommendations were under examination in detail with the industry.

Panels on Medical Equipment

MR. A. M. SKEFFINGTON asked the Minister of Supply how many working parties had been formed for the medical supply industries; how such parties were composed; whether any had yet produced a report, and what action it was proposed to take on their recommendations.

MR. WILMOT: There are no working parties for these industries, but four departmental panels have been set up to deal with x-ray, medical and surgical equipment, scientific glassware and ophthalmic lenses. Reports have been received on the first three of these subjects and are being examined.

Laboratory Porcelain

MR. PHILIPS PRICE asked the Minister of Works whether he was aware of the serious shortage of plaster of Paris for making laboratory porcelain; whether any plaster of Paris was being exported from Britain to Germany, and what steps could be taken to ensure a more adequate supply for the British laboratory porcelain industry. MR. CHARLES KEY replied that he was not aware of any serious shortage of such plaster. None was being exported, and if Mr. Price had any particular case in mind he would look into it.

Controls Under Review

SIR WILLIAM DARLING asked the President of the Board of Trade if he was prepared to review controls generally at a stated time twice yearly, and to invite those concerned to represent to him which controls should be considered for removal, and why.

MR. J. W. BELCHER: The controls under this Department are kept under constant review in order to adjust them to changing conditions and to remove or reduce any that may become unnecessary or needlessly elaborate. I do not think there would be any advantage in substituting review at a particular date.

Casein Prices

MR. A. EDWARDS asked the President of the Board of Trade if he was aware that Britain was losing export orders for casein products

because the world price of raw casein was £120, against £270 per ton charged by the department to manufacturers; and what he proposed to do to enable British manufacturers to recover the trade. MR. BELCHER said discussions were taking place with the manufacturers concerned.

Streptomycin

ON June 19 MR. GURNEY BRAITHWAITE asked the Minister of Health whether he was satisfied that adequate supplies of streptomycin were reaching this country for the use of hospitals and general practitioners.

MR. ANEURIN BEVAN replied that the merits of the drug had not yet been established. The only supplies which had been obtained by the Government were for the purpose of these trials. There was no restriction on the dollar side to the purchase of whatever amount of streptomycin was necessary for the tests, but the value of the drug had not yet been proved. He was glad to know that it could not be obtained in drug stores in this country.

Asked by MR. W. SHEPHERD whether he could not do something to stop broadcast appeals for streptomycin, which were causing alarm, he said he had made an announcement in the House deploring the appeals, and regretted very much that the B.B.C. was giving facilities for them.

DR. STEPHEN TAYLOR asked whether it was not a fact that streptomycin was unobtainable in drug stores in the United States but subject to restrictions under a National Control Council similar to those in Great Britain.

Loofahs from East Africa

MR. D. A. PRICE-WHITE asked the President of the Board of Trade if he was aware of the availability of loofahs for importation from British East Africa, and whether he would make them available to the general public in this country, in the same quantities as sponges were made available through importation from hard-currency foreign countries.

SIR STAFFORD CRIPPS: Some imports of loofahs from British East Africa and other countries are being licensed for industrial purposes only. Owing to our balance of payments position it is not possible to import them for other purposes at present. Sponges do not come, in the main, from hard-currency sources. They are imported primarily for commercial use, and only those unsuitable for this purpose are made available for sale to the general public.

Animus "Against Chemists?"

Resisting amendments aimed at freeing tooth-brushes and tooth-paste and medical appliances from purchase tax (see *C. & D.*, June 21, p. 708), MR. GLENNVIL HALL (Financial Secretary to the Treasury) commented "many of us would probably be a good deal better if we did not find the chemist so convenient," though he paid tribute to the chemists, who produced for the people of the country "wholesome drugs that could be trusted." MR. OLIVER STANLEY, following him, declared that this "animus" against chemists on the part of Mr. Hall was a little worrying. That was the kind of thing that used to be said by old-fashioned temperance reformers—"that there would be no drunkenness if only public houses were not so convenient for everyone." "I really cannot win," he said, "in this idea that chemists and chemists' shops are bad for the population, and that to have so many about is a temptation to the people of the country to spend their money unwisely."

Proprietary Medicines Under Fire

"Patent" medicines received a good deal of publicity in the House during the week. The first reference came in the Committee stage of the Penicillin Bill, when MR. CHRISTOPHER HAWCROSS (brother of the Attorney General) attempted to enlarge its provisions with an amendment to give the Minister of Health power to control "such other medicinal substances as the Minister may, after consultation with the Medical Advisory Council, prescribe." He declared that the "patent" medicine industry was "probably the largest and most harmful, and certainly the most shameful racket ever organised by private enterprise." That, he said, was not meant to be a criticism of all "patent" medicines, much less an attack generally on private enterprise. There were good medicines and bad. "What I am attacking are the quack remedies, like iodine belts and penicillin lipsticks. That is a matter of major importance." It might be felt that it should not be introduced by a side wind into a Bill designed to cover a much smaller field, but he thought it was high time attention was drawn to it. He quoted "Secret Remedies," published by the British Medical Association, and the Pharmaceutical Society's report on proprietary medicines which had been presented to the Minister by Mr. Linstead.

MR. EDWARDS (Parliamentary Secretary to the Ministry of Health) said there was no doubt that there were still widespread abuses connected with proprietary remedies, but they were in a different category from those which

the Government sought to control under the Bill. Undesirable proprietary remedies were dangerous to the people who used them, but not dangerous in the secondary sense to the public at large. All the substances with which they were concerned in the Bill were in the category of substances which were dangerous to the general public. "While the Minister of Health is favourably disposed to further legislation to deal with proprietary medicines—though there is no prospect of early legislation on the point—I would ask Mr. Shawcross not to pursue this amendment." The amendment was withdrawn.

The following afternoon MR. SHAWCROSS again raised the subject. He asked Mr. Bevan whether he had considered the report on proprietary medicines submitted to him by the Pharmaceutical Society, and what steps he proposed to take to implement the Society's recommendations? MR. BEVAN replied that he had given the report preliminary consideration. The Society's recommendations would involve legislation, of which he was afraid there was no early prospect. He agreed that the matter was of the utmost importance, but large numbers of matters of great importance were awaiting legislation, and it was a matter of priorities. He told MR. L. J. SOLLEY that he believed the report was a private document, and he could not promise to make it available to members.

Enforcement of Penicillin Control

During the Committee stage of the Penicillin Bill a new clause was added to the Bill providing that the Pharmaceutical Society should have power to enforce its provisions, and for that purpose might employ the inspectors appointed under Section 25 of the Pharmacy and Poisons Act, 1933. In Scotland the actual prosecutions would be instituted by the Procurator-Fiscal.

"ELECTRONIC ENGINEERING" CHANGES

MORGAN BROTHERS (PUBLISHERS), LTD., proprietors of THE CHEMIST AND DRUGGIST, "The Engineer," and "The Ironmonger," are pleased to announce that they have acquired the monthly periodical "Electronic Engineering" (incorporating "Electronics, Television and Short-wave World") from Hulton Press, Ltd., and will be responsible for its publication, commencing with the August issue. The editor and staff will continue to serve the paper under its new proprietorship.

TRADE NOTES

Holiday Closing.—The factory and warehouse of Whiffen & Sons, Ltd., Carnwath Road, Fulham, London, S.W.6, will be closed from July 5 to July 12, inclusive.

Lemon-flavoured Aspirin.—Smith, Saville & Partners, Ltd., Willshaw Street, London, S.E.14, are issuing, as aspirin 309, a lemon-flavoured aspirin tablet for which display material is available.

Trade Mark Notes.—A booklet in which the procedure of registering a trade mark is outlined has been issued by Reginald W. Barker & Co., patent agents, 61 Cheapside, London, E.C.2.

Capsuled Specialities.—Tyesules Supply, Ltd., 459A Caledonian Road, London, N.7, are marketing Antyemostik protectant against mosquitoes, etc., and Tyesuclean grease-spot remover.

Again Available.—Pinaud, Ltd., Atkins Road, London, S.W.12, state that their speciality Lilac Vegetal is now in good supply after being absent from the market for some time.

Sole Distributors.—From July 1, Thomas Christy & Co., Ltd., Farnham, Surrey, will act as sole distributors to pharmacists of Omniped foot cushions, manufactured by International Foot Appliances, Ltd., 92 Baker Street, London, W.1.

Vitamin B Tablets.—Vitamins, Ltd., Upper Mall, London, W.6, have introduced Bemax tablets as a vitamin B supplement with uses similar to those of Bemax itself. The tablets have a 50 per cent. content of Bemax, are palatable and are recommended to be chewed.

Razor Blades.—Terms for the supply of S.O.S. and Mohawk three-hole type and Carnos slotted type safety-razor blades are available in a circular issued by the manufacturers, Blade Industries, Ltd., 236 Berwick Avenue, Trading Estate, Slough, Bucks.

Odourless Insect Repellent.—Presented as a light "milk" to give minimum oiliness, Skreen odourless insect repellent, which simultaneously screens the skin from the soreness due to sunburn, has been introduced by R. Demuth, Ltd., Farnham, Surrey.

Anti-moth Rings.—S. Maw Son & Sons, Ltd., Aldersgate House, New Barnet, Herts, state that advertising for Meritor DDT anti-moth rings is in progress, and that dur-

ing the campaign over 200,000,000 advertisements will appear in national morning, evening and Sunday newspapers and in a number of weekly and monthly publications.

Corrected Price.—Emmet Distributing Co., Ltd., 140 Park Lane, London, W.1 (Telephone: Mayfair 6756), points out that a typographical error which was detected too late for correction, occurs in the company's advertisement for health salt tablets in this issue. The price appearing on the cartons is correct, and a full correction will also appear in a forthcoming announcement by the manufacturers.

Fine Chemicals List.—During July an enlarged price list of the company's fine chemicals is being issued by L. Light & Co., Ltd., Wraybury, nr. Staines, Middlesex. The list will include about 1,000 organic research chemicals, of which 250 have not previously been available in this country. A copy will be sent to any interested pharmacist on request.

Calamine Cream.—The manufacturers of Esoban cream of calamine (Southon Laboratories, Ltd., 88 Upper Richmond Road, London, S.W.15) state that the demand for this product has been heavy. At present all demands are being met, but chemists are advised to notify their requirements well in advance. A showcard is available.

In Rotation.—Owing to heavy demand received for Blontone powder hair bleach (see *C. & D.*, June 14, p. 679), the distributors (S. Maw Son & Sons, Ltd., Aldersgate House, New Barnet, Herts) urge that further requirements for this preparation should be made known without delay. Orders are being dealt with in strict rotation.

Smaller Tin Reintroduced.—Owing to increased costs of raw materials and packaging, the Chesebrough Manufacturing Co., Ltd., Victoria Road, Willesden, London, N.W.10, have reintroduced, with the permission of the Central Price Regulation Committee, a small tin pack of Vaseline brand yellow petroleum jelly. The retail and list prices of the product are given in an announcement by the company elsewhere in this issue.

Booklets.—May & Baker, Ltd., have added to their series of medical booklets, 1, "Medication with M. & B. Barbiturates in General Practice," which includes a tabulated list of the chemical and pharmacolog-

ical relationships of the products discussed, as well as a chapter on the treatment of acute poisoning; and 2, "Penicillin and its Clinical Applications," a sixty-page booklet which gives, at some length, the uses of penicillin in medicine, together with a lengthy bibliography. Copies of the booklets are available to pharmacists on request and the manufacturers invite comments as a help for compiling future editions.

Revised Prices.—**ASHE LABORATORIES, LTD.**, announce the introduction of a new small size of Bandbox shampoo, and of price and discount increases on other sizes, operative from July 1. Details will be given in an announcement by the company in the advertisement columns of the July 5 issue of the *C. & D.*—**THE BRITISH DRUG HOUSES, LTD.**, Graham Street, City Road, London, N.1, announce increases in the prices of Avoleum liquid and capsules and Radiostoleum liquid and capsules on July 1; details may be obtained from the manufacturers.—**W. B. CARTWRIGHT, LTD.**, Rawdon, Leeds, direct attention to an increase in the retail price of Moorland's indigestion tablets, operative from June 30; details are given on another page.—**DAE HEALTH LABORATORIES, LTD.**, announce a new price, effective from July 1, for Veet hair removing cream. Details are given on another page.

Veterinary Products Display.—A special display of veterinary products manufactured by Burroughs Wellcome & Co., London, is being made at the Royal Agricultural Society's annual show at Lincoln, July 1 to 4. The aim of the exhibit is to demonstrate to farmers that many of the common diseases of animals can be prevented and cured at low cost. Farmers visiting the show will be told that their local pharmacist can supply the necessary products, so that an opportunity for fresh business is being given to pharmacists in surrounding country districts. Display material may be obtained from the company at 12 Red Lion Square, London, W.C.1, or by visiting the firm's exhibit, B 102, (opposite the Ministry of Agriculture stand) at the show.

Infra-red Heating.—Radiant heating tunnels and other apparatus required for the industrial application of infra-red heat, using gas as fuel, were featured at an exhibition opened recently by the British Gas Council at Gas Industry House, 1 Grosvenor Place, London, S.W.1. Heating by infra-red methods is used in processes such as the finishing of painted metal parts of scientific instruments, vacuum-flask con-

tainers, lipstick-holders, hospital trolleys, and spectacle frames, and for drying powdered chemicals such as bismuth salts. The method enables these processes to be speeded up, sometimes as much as tenfold. In addition, tests made in the manufacture of rubber teats for infants' feeding bottles showed that they could be dried satisfactorily in an infra-red oven in twenty minutes, against two days by the more usual convection-type oven. Technical advice on industrial applications of gas-fuelled infra-red radiation is obtainable on application to local gas undertakings.

Proprietary Articles Trade Association

Additions to Protected List (Part 1).—*Anti-Bi-San, Ltd.* (Distributors: *Thos. Christy & Co., Ltd.*) Fenesine analgesic tablets, tubes of fifteen, 12s. doz., tax 2s. doz., inclusive retail price 1s. 8d.

Alterations to List (Part 1).—*Allied Laboratories, Ltd.* (Adjustment of purchase tax charges), Cortesan foot powder and ointment, 16s. 8d. doz., tax 5s. 7d. doz., i.r.p. 2s. 6d.

W. B. Cartwright, Ltd. Increased prices, June 30: Moorland indigestion tablets, 40's, 5s. 10½d. doz., tax 1s. doz., i.r.p. 9d.; 85's, 11s. 9d. doz., tax 1s. 11½d. doz., i.r.p. 1s. 6d. Three dozen and upwards, 5s. 4½d. and 10s. 9d. per doz. respectively.

International Chemical Co., Ltd. Increased prices, July 1: Anadin tablets, 20's, 12s. doz., tax 2s. doz., i.r.p. 1s. 6d.; 50's, 24s. doz., tax 4s. doz., i.r.p. 3s. Bismag powder, 12s. 9d. doz., tax 2s. 1½d. doz., i.r.p. 1s. 7d.; 26s. doz., tax 4s. 4d. doz., i.r.p. 3s. 3d. Bismag tablets, 12s. 9d. doz., tax 2s. 1½d. doz., i.r.p. 1s. 7d.; 26s. doz., tax 4s. 4d. doz., i.r.p. 3s. 3d. Bisodol powder, 12s. 9d. doz., tax 2s. 1½d. doz., i.r.p. 1s. 7d.; 29s. 3d. doz., tax 4s. 10½d. doz., i.r.p. 3s. 8d. Bisodol tablets, 9s. 9d. doz., tax 1s. 7½d. doz., i.r.p. 1s. 3d.; 26s. doz., tax 4s. 4d. doz., i.r.p. 3s. 3d. Freezezone corn remover, 13s. 6d. doz., tax 2s. 3d. doz., i.r.p. 1s. 8d. Freezezone foot compound, 15s. 9d. doz., tax 2s. 7½d. doz., i.r.p. 2s. Limestone phosphate, 19s. 9d. doz., tax 3s. 3½d. doz., i.r.p. 2s. 6d. Liquid Kolynos, 18s. 9d. doz., tax 3s. 1½d. doz., i.r.p. 2s. 4d. Kolynos denture fixative, 1s. 6d., 13s. 6d. doz.; 3s. 9d., 33s. 9d. doz. (exempt from tax). Perox tooth paste, 8s. doz., tax 2s. 8d. doz., i.r.p. 1s. 3d. Sy-Lac, 2 oz., 15s. 9d. doz., tax 3s. 3d. doz., i.r.p. 2s. 2d.; 4 oz., 25s. 6d. doz., tax 8s. 6d. doz., i.r.p. 3s. 6½d.

Alterations to List (Part 2).—*R. Demuth, Ltd.* Revised prices, July 1: Frozoclone Ivorettes, 18s. 8d. doz., tax 18s. 8d. doz., i.r.p. 3s. 11d. Carnate nail polish paste, 17s. 4d. doz., tax 17s. 4d. doz., i.r.p. 3s. 8d.

Stewart, Goodall & Dunlop, Ltd. Nucta products, new sizes: Ordinary, 2 oz., 20s. doz., tax 20s. doz., i.r.p. 4s. 2d.; Eclair, 2 oz., 20s. doz., tax 20s. doz., i.r.p. 4s. 2d.; Concentré, 2 oz., 28s. doz., tax 28s. doz., i.r.p. 5s. 10d.; Eclair Concentré, 2 oz., 28s. doz., tax 28s. doz., i.r.p. 5s. 10d.

Deletions from List (Part 2).—Mexican hair renewer.

BIRTH

MCCULLOUGH.—On June 12, the wife of Robert C. McCullough, M.P.S.N.I., 24 Roslyn Avenue, Bangor, co. Down, of a daughter.

MARRIAGES

MACLEOD-JACK.—At Glasgow on June 17, James Macleod, Glasgow, to Nancy Jessie Dickson Jack (younger daughter of the late Mr. Robert M. Jack, M.P.S.), 54 Airlie Gardens, Hyndland, Glasgow, W.2.

MCGREGOR — DUNDEE. — At Belfast, on June 17, Captain P. L. McGregor to Helen Dundee, twin daughter of Mr. A. Dundee, M.P.S.N.I., Glengormley, Belfast.

Golden Wedding.—**ELLIOT-RYLE.**—At Lowfell, co. Durham, on June 15, 1897, William Marshall Elliot, M.P.S., to Isabella Mary Ryle. Present address: Birgham, Coldstream, Berwicks.

DEATHS

BOURNE.—On May 27, as a result of an illness contracted while he was on war service, Mr. Jack Bourne, Ph.C., 1017 Foleshill Road, Coventry, Warwickshire, Mr. Bourne qualified as a chemist and druggist in 1939, and passed the Pharmaceutical Chemist examination the following year.

LANDER.—At 47 South Canterbury Road, Canterbury, on June 16, Mr. Arthur Lander, J.P., M.P.S., F.S.M.C., aged seventy-five. Mr. Lander was for many years in business as a chemist in the city's High Street. After experience in London, Reading, and Newcastle, Mr. Lander opened his Canterbury business in 1898. He did experimental work in connection with x-ray and bacteriological research and wireless telephony, and set up a receiving station as early as 1905. From 1901 he operated the local weather station, which produced recordings almost up to his death; he was also the inventor of a number of weather-recording instruments. A Fellow of the Royal Meteorological Society and Royal Astronomical Association, he was appointed a justice of the peace in 1917. Mr. Lander married three times; he is survived by a widow, one son and two daughters.

NEWBERRY.—At Woodcroft, Hutton Mount, Essex, on June 14, Mr. George Newbery, B.Sc. (May & Baker, Ltd.), aged fifty-three.

WOOD.—On June 20, following a short illness, Mr. John William Wood, M.P.S., The Noads, Amersham Road, Little Chalfont, Bucks, aged eighty.

PERSONALITIES

MR. H. HUMPHREYS JONES, Ph.C. (head of the Liverpool School of Pharmacy) opened the annual choir eisteddfod held at Liverpool on May 29.

SIR LIONEL WHITBY (Regius Professor of Physic, Cambridge University, and one of the discoverers of sulphapyridine) has been elected Master of Downing College.

MR. EMERIC A. ECCLES, M.P.S., past president of North-east Lancs Branch of the Pharmaceutical Society, has been appointed assistant secretary of Accrington Rotary Club.

Miss E. EVISON, M.P.S., 94 Queen's Road, Nuneaton, gave a talk on "Pharmacy as a Career," to the Nuneaton Business and Professional Women's Club on June 9.

MR. M. G. ASHLEY, Ph.C., West Hartlepool, has passed the examination for Associateship of the Royal Institute of Chemistry, and **MR. B. A. FORDER, B.Sc., Ph.C.**, Hayes, Kent, the Institute's Fellowship examination.

MR. H. E. CHAPMAN (secretary, Proprietary Articles Trade Association) was presented recently with a radio set and a cheque by the Hairdressers' Trade Association in recognition of his services as chairman of the Association's Council during the past five years.

DR. D. GARNET DAVEY (Dyestuffs Division, Imperial Chemical Industries, Ltd.), has been awarded the Chalmers medal by the Royal Society of Tropical Medicine and Hygiene for biological work on malarial therapy leading to the discovery of the anti-malarial drug Paludrine.

MR. DUNCAN MACPHERSON, M.P.S., The Kyle Pharmacy, Kyle of Lochalsh, Ross-shire, has published the fifteenth edition of his book, "The Vest Pocket Guide to Kyle of Lochalsh and Skye," first published in 1927. Mentioning the health aspect of the district he says "ninety years ago when the population was more than double, there was only one doctor. Now there are ten."

MR. PHILIP VARLEY, M.P.S., 65 Holmfild Road, Blackpool, who was recently appointed president of the Blackpool Branch of the Pharmaceutical Society, has been, since 1933, in business at Blackpool, where he now owns two pharmacies. He represents Westmorland, Cumberland and North Lancashire on the National Pharmaceutical Union Executive, and is a member of the Blackpool Pharmaceutical Committee.

RETIREMENT OF MR. T. T. COCKING

MR. THOMAS TUSTING COCKING, Ph.C., R.I.C. (chief analyst to The British Drug Houses, Ltd.), is retiring on June 30 after forty-three years' service with the company, and a distinguished pharmaceutical career. Mr. Cocking served his apprenticeship at Sheffield with the late Mr. G. T. W. Newsholme (a one-time president of the Pharmaceutical Society). After studying at the

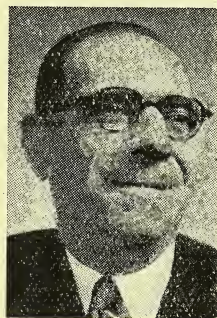
Metropolitan College of Pharmacy, London, under the late Mr. W. Watson Will, he passed the Chemist and Druggist Qualifying examination in June 1902, and the Major examination in the following April, becoming then, at the age of twenty-one years four months, the youngest pharmaceutical chemist in Great Britain. He was elected a Fellow of the Institute of Chemistry in 1918.

In 1904, Mr. Cocking joined Davy, Hill & Co. as assistant analyst, and in 1908, in the amalgamation of the firm with other concerns to form The British Drug Houses, Ltd., he was appointed chief analyst to the new company. He assisted Mr. C. A. Hill in research on methods for the determination of lead and arsenic in pharmaceutical chemicals, and published numerous papers on analytical methods. Mr. Cocking specialised in research upon the analysis of medicinal substances, essential oils and balsams, and a number of his processes have been adopted in the British Pharmacopœia, including the o-cresol method for cineole determinations, and methods for the determination of balsamic acids in benzoïn, balsam of tolu, and storax. His publications include also "*pH Values, What They Are and How to Determine Them*," and (with Mr. R. R. Bennett) the well-known volumes of "*The Science and Practice of Pharmacy*." He played a large part in compiling the "*B.D.H. Book of A. R. Standards*," later to be known as "*Analal Standards for Laboratory Chemicals*," published jointly by the B.D.H. and Hopkin & Williams, Ltd., and he designed a modified form of the Lovibond Tintometer (the "*British Drug Houses pattern*") for use in

the assay of vitamin A by the Carr-Price method. He co-operated in the production of the Lovibond Comparator by devising permanent colour standards for indicators used for pH value determinations, and for the colorimetric determination of traces of many metals. Mr. Cocking, who has held office as secretary to the essential oil subcommittee of the Analytical Methods Committee, Society of Public Analysts, has been a member of revision subcommittees of the British Pharmacopœia, 1932, and has been working recently on the text of the forthcoming pharmacopœia. A business associate writes: "Mr. Cocking has a genial and unassuming personality, and has endeared himself to all with whom he has come into contact. He will be greatly missed in the laboratories he has controlled. He carries away with him the good wishes of all the directors and staff of the B.D.H., coupled with the hope that he will live many years to enjoy the retirement he so much deserves."

STAFF CHANGES

MR. C. MORRIS, who, as notified in the *C. & D.*, June 21, p. 713, has been appointed



Mr. C. Morris

to a newly created position in the sales section of Ilford, Ltd., photographic manufacturers, has been connected with the industry for nearly forty years. He was in the sales organisations of, first, Marion & Co., Ltd., later A.P.M., Ltd., and, since 1929, of Ilford, Ltd. His assistant in his new post is to be Mr. L. Beadle, who joined Ilford, Ltd.,

in 1931. Mr. W. G. Davis, who, also, is well known to photographic dealers and professional photographers in London and the South of England, has retired after nearly forty years' continuous service with the company. To mark the occasion, his colleagues recently presented him with a gold watch and radio set. On the same occasion, Mr. A. J. Brooke, who had brought to an end a long period of service, first with Wellington & Ward, Ltd., and from 1930 with Ilford, Ltd., was presented with a walnut coffee table and stand.

CHANGES IN N.W.F. THIRD EDITION

A THIRD edition of the National (War) Formulary is being published and is to come into force on a date to be announced later. In order that pharmacists and others may have advance information on the contents of the new edition, the differences between the second and third editions are set out below:—

Additions to General Section

Application D.D.T.—Formula: D.D.T. of commerce, 17½ gr.; emulsifying wax, 17½ gr.; solvent naphtha (90/160), 145 min.; oil of citronella, 5 min.; water to 2 fl. oz.

Auristillae Penicillini.—An aqueous solution containing 0.05 per cent. chlorocresol and, unless otherwise directed, 2,500 units of penicillin (calcium salt) per mil.

Capsula Pluravit.—Contains vitamin A, aneurine hydrochloride, riboflavin, ascorbic acid and vitamin D.

Cremor Penicillini B.P.—Contains, unless otherwise directed, 500 units of penicillin (calcium or sodium salt) per mil.

Cremor Zinci N.W.F.—Formula: Zinc oxide, 150 gr.; Wool fat, 40 gr.; Oleic acid, 5 gr.; Arachis oil, 150 gr.; Solution of calcium hydroxide, 135 gr.

Cremor Zinci et Ichthammolis N.W.F.—Zinc cream N.W.F. containing 5 per cent. weight in weight of ichthammol.

Elixir Cascarae Sagradae B.P.; Elixir Sennae B.P.C.

Emulsio Paraffini Liquidi et Magnesiae.—Formula as for emulsio paraffini liquidi alkalina B.P.C.

Gargarisma Phenolis B.P.C.—Contains 5 per cent. glycerin of phenol.

Gargarisma Potassii Chloratis.—Formula: Potassium chlorate, 80 gr.; Water to 8 fl. oz.

Guttae Cocinae et Homatropinae.—An aqueous solution of cocaine hydrochloride 2 per cent., and homatropine hydrobromide 1 per cent. containing 0.05 per cent. of chlorocresol.

Guttae Penicillini.—An aqueous solution containing 0.05 per cent. chlorocresol and, unless otherwise directed, 2,500 units of penicillin (calcium salt) per mil.

Guttae Sulphacetamidi Fortes.—An aqueous solution containing 30 per cent. soluble sulphacetamide and 2 per cent. boric acid. For use in the presence of infection.

Guttae Sulphacetamidi Mites.—An aqueous solution containing 10 per cent. soluble sulphacetamide and 2 per cent. boric acid. For prophylactic use.

Injectio Penicillini N.W.F.—An aqueous solution containing, unless otherwise directed, 50,000 units of penicillin (calcium salt) or penicillin (sodium salt) per mil.

Injectio Penicillini Oleosa N.W.F.—A suspension of penicillin (calcium salt) in a 4.5 per cent. solution of beeswax in either arachis oil or ethyl oleate, containing, unless otherwise directed, 125,000 units per mil.

Mistura Gentianae Acida.—Formula: Dilute hydrochloric acid, 10 m.; Concentrated compound infusion of gentian, 30 m.; Chloroform water to ½ fl. oz.

Mistura Gentianae Acida cum Nuce Vomica.—Formula: Tincture of nux vomica, 10 m.; Dilute hydrochloric acid, 10 m.; Concentrated compound infusion of gentian, 30 m.; Chloroform water to ½ fl. oz.

Mistura Gentianae Alkalina.—Formula: Sodium bicarbonate, 10 gr.; Concentrated compound infusion of gentian, 30 min.; Chloroform water to ½ fl. oz.

Mistura Gentianae cum Rheo.—Formula: Sodium bicarbonate, 10 gr.; Concentrated infusion of rhubarb B.P.C., 15 m.; Concentrated compound infusion of gentian, 15 m.; Peppermint water to ½ fl. oz.

Naristillae Penicillini.—An aqueous solution containing 0.05 per cent. chlorocresol and, unless otherwise directed, 2,500 units of penicillin (calcium salt) per mil.

Nebula Adrenalinæ et Atropinæ Composita.—Formula: Atropine methylnitrate B.P.C., ½ gr.; Papaverine hydrochloride B.P.C., 3½ gr.; Adrenaline, 2 gr.; Chlorbutol, 2 gr.; Dilute hydrochloric acid, 5 m.; Sodium metabisulphite, ½ gr.; Distilled water, recently boiled and cooled, to 1 fl. oz.

Nebula Penicillini.—An aqueous solution containing 0.05 per cent. chlorocresol and, unless otherwise directed, 50,000 units of penicillin (calcium salt) per mil.

Oculentum Penicillini B.P.

Pilula Violae Crystallinae.—Enteric-coated pills containing 1/6 gr., 1/4 gr., 1/2 gr., or 1 gr. of crystal violet.

Pulvis Penicillini et Sulphathazoli.—A sterile powder containing, unless otherwise directed, 5,000 units of penicillin (calcium salt) per gm.

Solvella Penicillini N.W.F.—Contains either 10,000 units or 12,500 units of penicillin (calcium salt).

Suppositorium Bismuthi Subgallatis B.P.C.—Contains 5 gr. of bismuth subgallate.

Tabella Acidi Acetylsalicylici Composita B.P.C.; Tabella Butobarbitoni (0.1 gm.); Tabella Dienoestrolis (0.1, 0.3, 1, and 5 mgm.); Tabella Ferri Phosphatis cum Quinina et Strychnina B.P.C. (30 and 60 m. of syrup).

Tabella Ferri Sulphatis Composita.—Sugar-coated tablets, each containing: Exsiccated ferrous sulphate, 3 gr.; Manganese sulphate, 1/25 gr.; Copper sulphate, 1/25 gr.

Tabella Hexoestrolis B.P.C. (0.5, 1, and 5 mg.); Tabella Nicotinicacidi B.P. (50 mgm.); Tabella Paludinae (0.1 gm.); Tabella Phenacetini et Caffeinae B.P.C.; Tabella Pheniodoli (0.5 gm.); Tabella Stilboestrolis B.P. (0.5 and 1 mg.); Tabella Succinylsulphathiazoli (0.5 gm.); Tabella Sulphadiazinae B.P.; Tabella Sulphadimethylpyrimidinae (0.5 gm.); Tabella Sulphaguanidinae B.P.; Trochisci Penicillini B.P.

Unguentum Calaminae B.P.C.—Contains 16.7 per cent. of calamine in a base of 145.3 yellow soft paraffin. (Unguentum calaminae N.W.F. has been renamed Unguentum Calaminae Aquosum B.P.C.)

Unguentum Penicillini B.P.

Additions to Infants' Section

(formerly known as Children's Section)

Cremor Zinci et Olei Ricini N.W.F.—Formula: White beeswax, 50 gr.; Wool fat, 50 gr.; liquid

paraffin, 104 gr.; Zinc oxide, 36 gr.; Castor oil, 240 gr.

Mistura Gentianae Acida pro Infantibus; *Mistura Gentianae Alkalina pro Infantibus*; *Mistura Gentianae cum Rheo pro Infantibus*.—Compound concentrated infusion of gentian has replaced infusion of quassia in the corresponding mixtures of the N.W.F. 1943.

Mistura Potassii Bromidi pro Infantibus.—Formula: Potassium bromide, 4 gr.; Syrup, 15 m.; Chloroform water to 60 m.

Pulvis Aluminis et Zinci N.W.F.—A sterile powder containing potash alum, 20 per cent., purified talc, 40 per cent., and zinc oxide, 40 per cent. Sufficient powder for one application to be packed in stout paper or Cellophane envelopes, as for pulvis sulphanilamidi.

Alterations to General Section

Caps. Amyl. Nitrit.—5 m. strength also included.

Caps. Filic.—30 m. strength also included.

Colloid. Acid. Salicyl.—Formula replaced by that of colloidum salicylicum B.P.C.

Collut. Thymol. Co.—Solution of Bordeaux B increased to 1 per cent.

Gutt. Aethylmorph.; *Gutt. Atropin.*; *Gutt. Homatropin.*—0.05 per cent. chlorocresol added.

Gutt. Physostigmin.—0.05 per cent. chlorocresol and 0.05 per cent. sodium metabisulphate added.

Haut. Paraldehyd.—30 m. of liquid extract of liquorice added to each dose.

Inj. Papaveret.—0.2 per cent. chlorocresol replaced by 0.002 per cent. phenylmercuric nitrate.

Linct. Codein.—Formula: Codeine phosphate, $\frac{1}{2}$ gr.; Distilled water, $\frac{1}{2}$ m.; Spirit of chloroform, 5 m.; Syrup of wild cherry, 15 m.; Syrup of tolu, 15 m.; Syrup to 60 m.

Linct. Diamorph. Hydrochlor.—Renamed Linctus Diamorphini. Formula: Diamorphine hydrochloride, 1/20 gr.; Compound solution of tartrazine B.P.C., $\frac{1}{2}$ m.; Spirit of chloroform, 5 m.; syrup to 60 m.

Linct. Scill. Opiat.—Consists of equal parts of camphorated tincture of opium, oxymel of squill and syrup of tolu.

Linct. Simp.—Emulsion of anise N.W.F. reduced from 2½ m. to 1 m.

Lin. Alb.—Formula: Oleic acid, 80 m.; Dilute solution of ammonia, 43 m.; Ammonium chloride, 11 gr.; Oil of turpentine, 240 m.; distilled water 1½ fl. oz.

Lin. Methyl. Salicyl.—Use of rape oil as a vehicle discontinued.

Liq. Proflavin.; *Solv. Proflavin.*—Proflavine sulphate replaced by proflavine hemisulphate.

Lot. Calamin.—Formula: Calamine, 1 oz. 90 gr.; Zinc oxide, 175 gr.; Glycerin, 200 m.; Water to 8 fl. oz.

Lot. Sod. Sulph.—0.1 per cent. chlorocresol added.

Mist. Acid. Acetylsalicyl.—30 m. mucilage of tragacanth replaced by 5 gr. compound powder of tragacanth.

Mist. Alb.—Renamed *mistura magnesi sulphatis alba*. 40 gr. sodium sulphate replaced by 60 gr. magnesium sulphate.

Mist. Ammon. Chlorid. et Morph.—10 m. liquid extract of liquorice added to each dose.

Mist. Calc. Chlorid.—2 m. strong tincture of ginger and 4 m. elixir of saccharin B.P.C. replaced by 30 m. syrup of ginger.

Mist. Camph. Co.—Renamed *mistura opii camphorata composita*.

Mist. Casc.—Liquid extract of liquorice omitted.

Mist. Casc. et Nuc. Vom.—Renamed *mistura cascarae cum belladonna et nucе vomica*. Liquid extract of liquorice omitted.

Mist. Colch.; *Mist. Colch. et Sod. Sal.*—Sodium bicarbonate replaced by potassium bicarbonate.

Mist. Cret.—Chloroform water replaced by cinnamon water.

Mist. Cret. Aromat. c. Opio.—10 gr. of catechu, replaced by 10 m. of tincture of catechu, 10 m. aromatic solution of ammonia, and 10 m. compound tincture of cardamom added to each dose.

Mist. Cret. c. Catechu.—10 gr. catechu replaced by 30 m. tincture of catechu. Chloroform water replaced by cinnamon water.

Mist. Ferr. Aperiens.—Renamed *mistura ferri et magnesi sulphatis*. Sodium sulphate replaced by magnesium sulphate.

Mist. Kaolin.; *Mist. Kaolin. et Morph.*—Proportion of light kaolin doubled.

Mist. Lobel. Co.—Renamed *mistura stramonii et lobeliae composita*. Mucilage of tragacanth omitted.

Mist. Morph. et Ipecac.; *Mist. Pot. Iod. Ammon.*—15 m. liquid extract of liquorice added to each dose.

Mist. Rhei Co.—3 gr. rhubarb replaced by 30 m. compound tincture of rhubarb. 4 gr. ginger replaced by 5 m. strong tincture of ginger.

Mist. Sod. Cit. et Hyoscy.—Renamed *mistura potassi citratis et hyoscyami*. Sodium citrate replaced by potassium citrate.

Mist. Sod. Sal.—120 m. infusion of quassia replaced by 15 m. concentrated compound infusion of gentian.

Neb. Adrenalin.—0.1 per cent. weight in volume sodium metabisulphite added.

Pig. Triplex.—Replaced by pigmentum violae crystallinae (a 1 per cent. weight in volume simple aqueous solution of crystal violet).

Pulv. Zinc. Co.; *Pulv. Zinc. Co. c. Acid. Salicyl.*—Light kaolin replaced by purified talc.

Tab. Acid. Ascorb.—5 mg. tablet replaced by 25 mg. tablet (in General Section only: 5 mg. tablet remains in Infants' Section).

Tab. Ferr. Sulph.—Tablets now sugar-coated.

Alterations to Infants' Section

Mist. Alb. pro Infant.—Renamed *mistura magnesi sulphatis alba pro infantibus*. Sodium sulphate replaced by magnesium sulphate.

Mist. Cret. c. Catech. pro Infant.—15 m. chloroform water replaced by cinnamon water. Chloroform water becomes the vehicle.

Mist. Kaolin pro Infant.—Tragacanth omitted.

Mist. Mag. Carb. et Rhei Aromat. pro Infant.; *Mist. Rhei Co. pro Infant.*—½ gr. rhubarb replaced by 5 m. compound tincture of rhubarb.

Pulv. Hydrarg. c. Cret. et Rhei Co.—Dose of mercury with chalk reduced to ¼ gr.

Pulv. Rhei c. Soda.—Dose of rhubarb reduced to 1 gr.

Tab. Ephed. Hydrochlor. pro Infant.—Strength reduced to ¼ gr.

Tab. Hydrarg. c. Cret. pro Infant.—Strengths reduced to $\frac{1}{4}$, $\frac{1}{6}$ and $\frac{1}{8}$ gr.

Tab. Hydrarg. c. Cret. et Rhei Co.—Dose of rhubarb reduced to $\frac{1}{4}$ gr.

Tab. Rhei c. Soda.—Dose of rhubarb reduced to $\frac{1}{8}$ gr.

General Alterations

Ammonium carbonate is replaced by ammonium bicarbonate; Concentrated camphorated tincture of opium, by camphorated tincture of opium; Concentrated solution of ethyl nitrite, by spirit of nitrous ether; Concentrated ethereal tincture of lobelia, by Ethereal tincture of lobelia; Liquid extract of cascara sagrada, by Elixir of cascara sagrada; Liquid extract of valerian B.P.C., by concentrated infusion of valerian B.P.C. Liquid extracts of colchicum, hyoscyamus, ipecacuanha, opium, quillaia and stramonium are replaced by corresponding tinctures.

Deletions from General Section

Emuls. Anis. et Menth. Pip.; *Emuls. Ol. Vitamin. B.P.*; *Glycer. Proflavin.*; *Cutt. Cocain. Oleos.*; *Lot. Trinitrophenol. B.P.C.*; *Mist. Arsen.*; *Mist. Calc. Lact.*; *Mist. Ergot.*; *Mist. Ferri Arsen.*; *Mist. Ferri Perchlor.*; *Mist. Ferri Salicyl.*; *Mist. Hydrarg. Perchlor.*; *Mist. Quass. c. Rheo.*; *Pulv. Iodophthal. Co.*; *Ung. Hydrarg. Ammon. Aquos. B.P.*

Deletions from Infants' Section

Crem. Zinc. (replaced by *cremor zinci et olei ricini*).

Emuls. Ol. Vitamin. B.P.; *Ext. Malt. c. Ol. Vitamin. B.P.*

Mist. Quass. Acid. pro Infant.; *Mist. Quass. Alk. pro Infant.*; *Mist. Quass. c. Rheo pro Infant.*—Replaced by corresponding mixtures containing gentian.

Pulv. Santonin. Co.; *Tab. Santonin. Co.*

WILLS

MR. JOSEPH JOHN BLACKIE, PH.D., PH.C., F.R.I.C., 25 London Street, Edinburgh (a partner in Duncan Flockhart & Co., London and Edinburgh), left £21,832.

MR. WILLIAM JOHN SEWELL, M.P.S., 36 Ecclesall Road South, Sheffield, formerly in business at Bridge Street, Goole, left £8,725, gross, with net personality £8,658.

MR. ALFRED ARTHUR BRUNKER, 59 Rathfarnham Road, Terenure, Dublin (chairman of Boileau & Boyd, Ltd., manufacturing chemists), left £17,738.

MR. HERBERT EDWARD SPURR, M.P.S., 33 Grasmere Road, Gledholt, Huddersfield, Yorks, left £12,371, with net personality £12,004.

MR. WILLIAM EDWARD HORROCKS, M.P.S., 81 King Street, Knutsford, Cheshire, left £10,961, with net personality £7,875.

MR. SIDNEY ROBERTSON, M.P.S., 2 Duke Street, Bedford (a director of Taylor, Brawn & Flood, Ltd., chemists), left £9,772, with net personality £8,731.

MR. HENRY VINCENT SYKES, PH.C., 73 Mexborough Street, and 137 Meanwood Road, Leeds, left £5,730, with net personality £5,663.

MR. JOHN GRINDALL BRAYTON PLANT, PH.C., West Ho, Brynau Road, Llandudno, Caerns (a representative of Kolynos (Sales), Ltd.), left £88.

MR. WILLIAM GREEN, M.P.S., Shenley Road, Boreham Wood, Herts, and Watling Street, Elstree, left £1,714, with net personality £1,656.

MR. DONALD WAITE WILSON, M.P.S., c/o Pars & Co., The Broadway, Broadstone, Dorset, left £1,847, with net personality £1,310.

MR. WILLIAM STEWART ROSS, M.P.S., 9 Oak Timbers, High Street, Banstead, Surrey, left £3,670, with net personality £1,205.

MR. VICTOR RALPH TRICKEY, M.P.S., 57 Leslie Avenue, Taunton (managing director of John Trickey & Son, Ltd.), left £2,192, with net personality £37.

MR. CHARLES SELBY HANDLEY, M.P.S., 123 Bloxham Road, and 11 Market Place, Banbury, left £1,338, with net personality £548.

MR. FRANK HAROLD RAINE, M.P.S., Moorland View, Sunninghurst Lane, Darwen, Lancs., left £5,877, with net personality £5,040.

MR. CECIL NEALE, M.P.S., 6 Bryant Way, Higham Ferrers, Northants, formerly of Leicester, left £22,435, with net personality £21,790.

MR. CHARLES OLIVER WAIN, M.P.S., Tower House, Wellbank, Haslingden, Lancs, left £5,850, with net personality £5,772.

MR. HARRY SCHOFIELD, M.P.S., 55 Leith Avenue, Cleveleys, Lancs, formerly of Cliffe End Pharmacy, Rastrick, left £3,389, with net personality £1,159.

MR. HERBERT RENSHAW CLARKE, M.P.S., 30 Macoma Road, Plumstead, London, S.E.18, managing director of Robert Ferber, Ltd., manufacturing chemists, left £370.

MR. CHARLES FREDERICK ROBERT PARS, M.P.S., Crown Hill, Bon Accord Road, Swanage, Dorset, left £23,054, with net personality £12,378.

MR. STANLEY RICHARD COKE, 64 Boyne Road, Lewisham, London, S.E.13, manufacturing chemist, left £6,149, with net personality £6,112.

MRS. MARY LIZZIE FAIRBURN, Glenroyd, Beacon Park, Pickering, Yorks, wife of Mr. Thomas W. Fairburn, M.P.S., left £5,283, with net personality £5,259.

MR. DAVID AUGUSTUS DAVIES, M.P.S., Melrose, Newport, and 2 Market Street, Newport, Pems, left £4,034, with net personality £2,300.

DAIL DEBATE ON EIRE HEALTH BILL

DURING the Committee stage of the [Eire] Health Bill, 1947, in the Dail Eireann on June 12, Mr. JAMES DILLON moved an amendment to provide that the sale of medical and toilet preparations, except those containing poisons or harmful ingredients, should not be restricted to pharmaceutical chemists. He said that the right to dispense certain medicines and to deal in certain preparations, notably poisons, had been reserved to pharmaceutical chemists by various legislative measures aimed at preventing the purchase of poisons by the public for felonious purposes. The pharmaceutical chemists, however, sought to restrict to themselves the sale of what he described as "any comestible" which, if improperly used, might prove harmful to the purchaser. The chemists' motive, said Mr. Dillon, was not primarily solicitude for the perils of the purchaser but a desire to restrict to themselves sales of the most profitable lines. His amendment was aimed at making part of the stock-in-trade of general merchants throughout rural Ireland, such commodities as aspirin, cod-liver oil, tooth-paste, Parrish's food, and proprietary brands of petroleum and cod-liver oil emulsions. No training was necessary, he claimed, to sell malt extract, baby food or tooth-paste; chemists seemed to think that other traders could not distribute such goods with the same solicitous discretion.

Mr. F. LOUGHMAN, T.D. (a member of the Council of the Pharmaceutical Society of Ireland) gave answer that the pharmaceutical chemists were asking merely that the sale of certain articles should be reserved to chemists, who had to go through an extensive period of training in order to become qualified to sell such goods. Any other shopkeeper who wished to sell them could do so by form-

ing a limited company, provided only that the managing director of the company was himself a pharmaceutical chemist. The Pharmaceutical Society of Ireland, he said, had no power to regulate in any way the business transactions or profits of chemists. The Irish Drug Association was the chemists' trade organisation; like similar organisations in other trades, it naturally sought to secure certain advantages for its members. If pharmaceutical manufacturers decided to sell their goods only through chemists, there could be nothing unlawful or unjust about such a practice; prices were arranged in conjunction with the prices section of the Department of Industry and Commerce. A chemist's shop could not exist if it were compulsory to sell at a rate of profit less than that which chemists were trying to secure.

While he agreed that the compounding of prescriptions and the distribution of poisons, dangerous substances or scarce therapeutic agents should be confined to chemists, Mr. Dillon thought there was a wide variety of cosmetics, soaps, etc., which might be sold equally well by other traders. The more people engaged in such distribution, the better it would be for the public.

Mr. D. ALLEN said the sale of simple substances in everyday use should not be confined to chemists, because many rural areas were miles from a chemist's shop. Mr. Dillon received permission to withdraw his amendment and to reintroduce it on the Report stage.

Earlier, during the Committee stage, Dr. RYAN (Minister of Health) had introduced an amendment to restrict the sale of penicillin and similar substances which, used indiscriminately, might cause penicillin-resistant bacteria to develop. This was approved.



LONDONDERRY CHEMISTS MEET COUNCIL.
—Members of the Council of the Pharmaceutical Society of Northern Ireland and of the Londonderry Chemists' Association photographed with friends before a coach tour on June 19.



**820,000
Potential
users of**

DRURY'S INFANTS' PRESERVATIVE

The number of live births registered during 1946 was 820,268—the highest since 1921.

Do YOU take advantage of this market?

Drury's Infant Preservative has been on the market for over 70 years, a "CF" line extensively advertised, and enjoying an ever increasing sale. Two sizes selling at 1/5 and 3/4¹/₂ per bottle inc. purchase tax.

Trade Terms on application.

Place your orders now

'Happy mothers make satisfied customers'

DRURY'S PHARMACEUTICALS LTD.
NEWARK ON TRENT



SONGO
For TRAVEL SICKNESS
on Air, Land or Sea

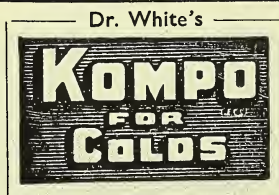
1/5 & 3/11
VANDRE LTD. GLASGOW C2

GUM DROPS & PASTILLES Manufactured in FRANCE

All Flavours — All packings, also loose.
Large quantities immediately available for
export to all countries — Bargain Prices.

GUENOT Manufacturing Chemists,
14 avenue Mozart, PARIS, FRANCE

Dr. White's



KOMOPO
FOR
COLDS

Manufactured only by

J. F. WHITE & CO., LTD.
Lovington Laboratory, Berron St., Leeds, 7

BURROUGH'S

60 gallons or less
in 6 months requires
no Control Licence.

S.V.R.

James Burrough Ltd., 1 Oale Distillery, London, S.E.11

TRAGACANTH

SPECIALISTS IN B. P. POWDER
SAMPLES AND PRICES ON REQUEST
FREUDENTHEIL, SMITH & CO., 16 Philpot Lane,
London, E.C.3.
MANsion House 1924 & 6600. Estd. 1826



Metaldehyde


BRITISH MADE

SAFE SOLID FUEL SLUG & SNAIL KILLER

IN PACKETS, 1/3, 2/4, 5/6

Obtainable from
Chemists, Ironmongers & Seedsman
Sole Concessionaires for the U.K.
and Eire

H. R. NAPP LIMITED
3 & 4 Clement's, Inn, London, W.C2



THE QUICKEST HARMLESS HEADACHE CURE
TWINKLE
Prepared by Fully Qualified Pharmacists and sold under
Analyst's Certificate of Purity. Cures completely: Headaches,
Fervent Pains, Neuralgia, Nervous Colic and Tics.
* HEADACHE POWDER!

Write for
BONUS TERMS
VANDRE LTD.
GLASGOW, C4

The National Association of Opticians

The next examination will be held at Birmingham:
on Monday, Tuesday and Wednesday, 28th, 29th and
30th July, 1947. The last day of entry is Monday,
30th June, 1947.

Syllabus and Entrance Forms, etc., from
Secretary, N.A.O., 130 Princes Rd. Liverpool, 8

HARVEY'S Horse Remedies

P.A.T.A. Protected Prices
Supplies can now be obtained through
all Wholesale Houses
HARVEY & CO. (DUBLIN) LTD.,
DUBLIN



INFORMATION WANTED

Information with respect to suppliers of the
following items would be appreciated:

Uretan. Dermatine rubber.
Emil Diamont tooth-paste.



The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

JUNE 28
1947

28 ESSEX STREET, LONDON, W.C. 2

Prevailing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

SITUATIONS OPEN

6 for 40 words or less, 2d. for every additional word

RETAIL (HOME)

ALLEN & HANBURY, LTD., require the services of two pharmacists. Canteen. Living accommodation available for one bachelor pharmacist. Apply Allen & Hanbury, Ltd., 7 Vere Street, W.1. (Mayfair 2216).

An opportunity will shortly present itself for a qualified manager and three assistants, qualified or unqualified. The situation will carry salary and commission and there is the guarantee of comfortable working conditions. 1/197, C. & D. Office.

ASSISTANT required, qualified preferred, but not essential. Ability and diligence rewarded. Furnished accommodation available to early applicant. Tel. No. 2587. H. W. Carter, 52 Barton Street, Gloucester.

BEDFORD. Qualified manager or manageress, congenial post, permanency. Apply, giving full particulars, to Taylor, Brawn & Flood, Ltd., 71 High Street, Bedford.

BIRMINGHAM. Qualified assistant for dispensing. Lad or gentleman. Permanent post. No Sunday or holiday work. Reply giving experience, age and salary to Sidney H. Blunt, Ltd., 106 Cordesley Green, Birmingham, 9.

BOOTS the chemists invite applications from qualified assistants, male and female (particularly those who have recently completed their course of study), and from fully trained unqualified assistants under 35 years of age. Applications, stating age, experience, district preferred, etc., to Retail Staff Department, Station Street, Nottingham.

BOURNEMOUTH, qualified manager wanted immediately. Apply with full particulars to R. Green, M.P.S., 72 Kimberley Road, West Bournemouth, Bournemouth.

DISPENSERS, part-time. South and West London. Please state days and hours free. No Sunday. Apply 1/68, C. & D. Office.

ENFIELD, North London. Pharmacist required to manage good class family business in Enfield district. Scope for development. Good salary offered to competent man. No living accommodation. Apply 1/207, C. & D. Office.

HEPPELLS, Chemists, require several unqualified male assistants for their West End branches. Good dispensing and high-class pharmaceutical experience essential. Saturday half day. Please apply: Superintendent Chemist, Heppells (1932) Ltd., 70 Vauxhall Bridge Road, London, S.W.1. Phone: Victoria 2204.

LADY Pharmacist required as Manageress of good class West End Pharmacy, mainly counter work, congenial post. Also part-time lady pharmacist required. Please apply: Superintendent Chemist, Heppells (1932) Ltd., 70 Vauxhall Bridge Road, London, S.W.1. Phone Victoria 2204.

LEAMINGTON. Fisher & Co. will have available in July a self-contained newly decorated flat, and a vacancy for an unqualified dispensing assistant. Applicants must have had sound experience in good-class family and dispensing business. Good salary; permanency. Full particulars to Timothy Whites & Taylors, Ltd., Retail Staff Department, 70 Vauxhall Bridge Road, London, S.W.1.

LONDON, W.11. Experienced pharmacist urgently required to manage a busy working class pharmacy in West London. Brisk counter and health insurance dispensing. Good salary. Living accommodation available nearby. Apply 1/205, C. & D. Office.

MANCHESTER and Salford Equitable Co-operative Society, Ltd., have a vacancy for pharmacy branch manager, also a qualified male assistant. Both positions are permanent. Superannuation scheme in operation. Applications giving full details and qualifications should be addressed to Superintendent Chemist, 67 Downing Street, Manchester, 1.

MID-SUSSEX. Qualified manager required July as locum with view to permanency. Full details to 1/181, C. & D. Office. Suitable for resident near London or Brighton area, willing to travel pending local accommodation. Married man preferred.

M.P.S. required for chemist shop in departmental store in the Midlands. Apply, stating age and experience, to Box No. 1569, S. C. Peacock, Ltd., 21 Leigh Street, Liverpool, 1.

NEWCASTLE-ON-TYNE—qualified chemist with initiative required for progressive branch business in pleasant area, near Whitley Bay. Good residential business. Permanency to suitable person, with prospects. Please state particulars of experience, age, and approximate salary expected to: 1/259, C. & D. Office.

NORTH LONDON. Capable man or woman required to manage a drug store in North London, must be experienced in the chemist business and able to maintain high class appearance and trade. Write 1/209, C. & D. Office.

ORRIDGE & Company Employment Agency, 184 Strand, W.C.2. Temple Bar 9212/3. Branches at Southampton and Birmingham. Inquiries invited from pharmacists and unqualified persons requiring situations. Many attractive vacancies available. Excellent opportunities existing in progressive permanencies. Locums provided for. No charge to employees except registration fee. Apply to 184 Strand, W.C.2 in first instance.

POPLAR. Manager, qualified, required for busy pharmacy in Poplar. Good salary offered to energetic man with experience. Permanency with good prospects. Apply 1/208, C. & D. Office.

TWO unqualified assistants required (male or female), one to work in dispensary with qualified, one for counter, windows, etc. Good salaries, permanent positions; three qualified on staff. Chave & Jackson, Ltd., Hereford.

QUALIFIED Chemist required for S.W. London, Q medium class family business. Unfurnished flat available. Full particulars to 1/218, C. & D. Office.

THORNTON Heath. Unqualified assistant, mainly for counter and display, required. Full particulars to Wilkes, 105 Parchmore Road, Thornton Heath, Surrey. Liv 4978.

TIMOTHY Whites & Taylors have vacancies for experienced unqualified assistants, male or female, in Greater London and the South of England. Permanent appointment offered, good conditions. Apply by letter to Retail Staff Manager, 70 Vauxhall Bridge Road, London, S.W.1.

UNQUALIFIED lady assistant required with experience of toilet counter and window dressing. This vacancy offers an opportunity to gain experience of Messrs. Elizabeth Arden's lines amongst other high class toilet preparations. Usual particulars please to Clark, Chemist, Dorchester, Dorset.

UNQUALIFIED assistant required for chemist's shop (mainly dispensing) in departmental store in the Midlands. Hours 9 to 5.30. No Sunday duties. Apply, stating age and experience, to Box No. 1571, S. C. Peacock, Ltd., 21 Leigh Street, Liverpool, 1.

UNQUALIFIED assistant required, dispensing and counter. Can wait for suitable applicant. Apply C. W. J. Watkins, M.P.S., 3 Mortlake Terrace, Kew Gardens, Surrey.

UNQUALIFIED assistant wanted for West End pharmacy, counter duties only, no dispensing. Hours 9 to 6, no Sunday or holiday duties, usual half day off. State salary required. Apply 1/204, C. & D. Office.

VACANCY for a qualified assistant in a busy dispensing business. Only keen, active person required. Martin, Chemist, Cardiff.

VICTORIA. Branch manager required for mixed class pharmacy, within 10 minutes of Victoria Station. Permanent appointment. Good salary. Saturday half day. Apply 1/206, C. & D. Office.

WALLACE HEATON, LTD., 127 New Bond Street, London, W.1, require a photographic salesman experienced in the use and demonstration of miniature cameras, enlargers or amateur cine apparatus. The post offered is interesting and progressive; chemist trained applicant preferred. Apply in writing, giving full details and salary required.

WANTED. Qualified lady and gentleman. No Sunday, Thursday or holiday duty. Apply, 386 Prince Regent Lane, E.16.

WANTED manager for branch pharmacy, male or female. Good prospects for suitable applicant. Superannuation scheme in operation. Applications stating age, experience, etc., to the Secretary, Heckmondwike and District Co-operative Society, Ltd., 3 Oak Street, Heckmondwike.

WE have vacancies in the following areas for keen branch manager pharmacists: Southgate, Leyton, Ilford, Barkinge and Burnt Oak. There is accommodation available in two of these areas. Application in first instance to Superintendent Chemist, London Co-operative Chemists, Ltd., 54 Maryland Street, Stratford, E.15.

WEST HARTLEPOOL. Pharmacist, capable of taking charge of a branch, required. Suit newly qualified person. Exceptional opportunity for experience in busy good-class store pharmacy. Salary £7 18s. (including war bonuses). Particulars to Hartlepool Co-operative Chemists, Ltd., West Hartlepool.

LOCUMS WANTED

LOCUM required, qualified M.P.S., male, August 3 to 8 inclusive. Hours 9-6 p.m. daily; Sunday till 2 p.m. One other assistant kept. Apply stating full particulars, wages expected and references to 1/223, C. & D. Office.

LOCUM required July 21 to August 2. Qualified. Exceptionally light duties. Suit elderly or retired pharmacist. Fully experienced staff. Good remuneration. Nicoll, The Bridgnorth Pharmacy Shropshire.

LONDON, E.2 (near City). Assistant, qualified or unqualified, for about three months during the holidays. Give full particulars of experience, age, names of references and salary expected. Apply (letter only), Pharmacist, 35 Sydney Road, Stock Newington, London, N.16.

QUALIFIED Locum required for City of London and East London Dispensary, 40 Wilson Street Finsbury, E.C.2, from 5th July to 1st August. Hospital experience preferred but not essential. Opening hours 12 noon to 3 p.m. Five-day week (about 3 hours' total). J.N.C. scale. Applications (marked "Locum") to Secretary, as above.

WHOLESALE

ACTIVE, experienced salesman (car owner) with a live connection among chemists, stores, co-ops., etc., required immediately for the following areas:—Scotland, Wales, Midlands, S. West England, London and E. Anglia. State exact areas covered, and other lines carried. £50 to £100 monthly is being earned by representatives from our two non-competitive quick-selling established lines alone. Other lines not objected to. An excellent opportunity for good salesmen calling regularly upon most chemists in their area. Generous commission on sales and repeats. Apply, 1/196, C. & D. Office.

AGENTS on commission basis wanted by London wholesalers to carry goods to chemists, stores, Co-ops, grocers, fancy goods and stationery shops. Please state district covered and lines already carried. 1/242, C. & D. Office.

ASSISTANT chemist required for production control and research on pharmaceuticals. Applicants should hold the B.Pharm. or equivalent qualifications. Previous experience in the assay of vitamin products by physical methods an advantage. Applications, giving details of qualifications and previous experience, etc., to the General Manager, Gelatin Products, Ltd., Trading Estate, Slough, Bucks.

ASSISTANT required for routine analysis of pharmaceuticals in the analytical laboratory of C. R. Harker, Staggs & Morgan, Ltd., Emmott Street, London, E.1. Apply stating experience and wages required.

ASSISTANT to director required by firm of manufacturing chemists, London. Opportunity for keen man aged 27-35, able to deal with queries and experience of buying raw materials and containers, checking advertising copy, etc. Apply with full details of previous experience, present salary, etc., in confidence to 1/241, C. & D. Office.

BRITISH SCHERING LTD. require the services of a pharmacist (aged 25-35), preferably male, experienced in the routine of a medical information department. Applications, giving full details of education, business career, and stating salary expected, in complete confidence, to Medical Executive, British Schering, Ltd., 167/169 Great Portland Street, W.1.

CAPABLE shorthand-typist with experience of export routine required by firm of manufacturing chemists in S.W. London. Knowledge of languages an advantage, but not essential. Apply, giving full details, to 1/192, C. & D. Office.

DRUGS. Counter hand (male) wanted for wet counter. Permanent. Union rate of pay. 5-day week. Southall Bros. and Barclay, Alum Rock, Birmingham.

EXPERIENCED analyst required mainly for alkaloidal assays and assays of B.P. preparations generally. Salary according to experience and qualifications. Write in the first instance giving full details of career to Carnegie Chemicals (Welwyn), Ltd., Welwyn Garden City.

EXPERIENCED representative, in all-English area, required by manufacturing chemists. One having first-class connections with chemists, stores, etc., Liberal commission and drawing account. Write giving details, age, experience, lines carried, territory covered, etc. 1/255, C. & D. Office.

EXPORT department—the Crookes Laboratories: An assistant is required whose chief duties will be the evolving and application of propaganda programmes and to assist in the co-ordination of overseas propaganda generally. Applicants should be of more than 35 years of age and must have had experience in similar work; a pharmaceutical qualification would be an advantage. Apply, in the first instance, to: The Manager, Medical Department, Crookes Laboratories Limited, Gorst Road, N.W.10.

FACTORY manager required by manufacturers, chemists' sundries, Midlands. Substantial salary plus bonus for man 30-40 of proved managerial ability. Knowledge rubber desirable, but not essential. Full details in confidence. 1/61, C. & D. Office.

FIRST-CLASS representatives with live connections amongst chemists and grocers required for the following areas: Nottingham, Leicester, Northampton, Sheffield, Derbyshire, Lincolnshire, Birmingham, Coventry; salary and commission, apply Hilton Stevenson, Managing Director, Messrs. J. J. Wharmby & Sons, Ltd., Mansfield, Notts, enclosing photograph and details of experience.

LABORATORY assistant required by manufacturing chemists. Previous experience not essential. Matriculation an advantage. Write, Matthews & Wilson, Ltd., 6 & 8 Cole Street, London, S.E.1.

LIPSTICK CHEMIST, qualified or unqualified (man or woman), with thorough knowledge and experience of lipstick formulation and processing in all stages, required by important London manufacturer. Candidates desiring to improve position with good prospects please apply 1/247 C. & D. Office, stating age, past experience, full qualifications and salary required.

LONDON manufacturing chemists require experienced representative for London, South of Thames, with well-established connection among retail and wholesale chemists, to carry additional new well-packed and advertised ethical speciality on commission. When applying please state other lines carried. 1/187, C. & D. Office.

MALE assistant required for order assembly, some packing and stock control in the Glasgow depot of firm of manufacturers of ethical specialties. Would suit unqualified man with retail experience. Permanent position for suitable applicant, age under 40. Interview Glasgow. Write, stating experience and salary required. 1/98, C. & D. Office.

MANUFACTURING Chemists, N. W. London, require the services of an energetic and experienced pill maker capable of taking control. Write giving details of age, experience and salary required. 1/248, C. & D. Office.

MANUFACTURING chemists, West London, require shorthand/typist or Dictaphone typist, also copy typist, with or without shorthand. Five day week, hours 9-5.30. Applicants should give full details of education, age, experience, salary required, which will be treated in confidence to Export Manager, British Schering, Ltd., 167/9, Great Portland Street, W.1.

MANUFACTURERS of an exceptionally attractive range of specialties have vacancies for 3 representatives. (1) Wales, (2) Western Counties, including Hants and Gloucester, (3) Durham Northumberland, Cumberland, Westmorland. Applicants, preferably under 40, must have thoroughly established connections with retail and wholesale chemists, stores and co-ops, and able to produce first-class references of character and ability. Sole agency on commission basis considered. Reply in first instance, giving fullest particulars, if car owner, and method of remuneration preferred. 1/258, C. & D. Office.

MANUFACTURING chemists, N.W. London, require the services of an energetic and experienced pill maker, capable of taking control. Write giving details of age, experience and salary required. 1/215, C. & D. Office.

MANUFACTURING chemists require first-class representatives in (a) Manchester district; (b) Midlands. Essential qualifications, first-class live energetic man capable of large turnover, with established connection, chemists, hairdressers, grocers, ironmongers, etc. Own car essential, salary, car allowance, expenses and commission. Send full details, experience, age, etc., with first letter. Write, 1/70, C. & D. Office.

MANUFACTURING chemists require full time representatives for the following districts. Scotland, Midlands and South Wales. Full particulars to 1/171, C. & D. Office.

MANUFACTURING chemists require representatives on commission, to the retail chemists and allied trades in the following territories: (1) Postal districts South of the Thames; (2) Postal districts North of the Thames; (3) Essex, Herts, Berks, Bucks, Beds, Oxon; (4) Hampshire, Sussex, Surrey and Kent; (5) South Wales. Own car essential. Must be under forty years old and have existing connection. Write Box C641 c/o Streets, 110 Old Broad Street, London, E.C.2.

MANUFACTURING chemists in North London require woman pharmacist as second assistant in the dispensing and light manufacturing department. Salary according to age and experience. Write Box 552, Dorland, 18 Regent Street, S.W.1.

NOTTINGHAM. Qualified chemist to take charge of manufacturing side of very old established business, excellent prospects for right man. Apply by letter to the Managing Director, Messrs. J. J. Wharmby & Sons, Ltd, Mansfield, Nottingham.

OLD-ESTABLISHED London firm wholesale chemists' sundriesmen require representatives having live connections chemists, hairdressers, druggists, stores, Co-ops; commission basis. Car advantage but not essential. Write, stating area of representation, details, etc., James Hardcastle & Co., 20 High Holborn, W.C.1.

PROMINENT manufacturers of ethical pharmaceutical products require the services of representatives for the following territories: (a) Dundee (b) Hull (c) Norwich (d) Sheffield (e) Londonderry (f) Plymouth. Duties involve both medical and trade propaganda and sales. Applications are invited from registered pharmacists under 35 years of age, and preferably resident in these areas. Previous representative experience is not essential. The positions are progressive and pensionable. Particulars to 1/228, C. & D. Office.

PUBLICITY. Pharmacist (male) required as personal assistant to publicity manager. This is an outstanding opportunity for a young man wishing to enter upon a permanent career in commercial publicity. The position has excellent prospects for the right man. Apply initially in writing, quoting Ref. No. 384, to Personnel Officer, May & Baker, Ltd., Dagenham, Essex.

REPRESENTATIVES required by wholesale distributors of perfumes and cosmetics for the following territories: Lancashire, Cheshire, North Wales, West Midland, Home, and South and South Eastern counties. Must have good connections with chemists, Stores and hairdressers; liberal commission offered. Write 1/235, C. & D. Office.

REPRESENTATIVE (keen, young) required for advertised proprietary medicines, chemists' trade experience not essential, but must be proved salesman and able to drive car. Salary and expenses basis. Must reside Manchester area. Write stating age, married or single, salary required and full details of business experience to Box 634, c/o Dorland, 18-20 Regent Street, S.W.1.

REPRESENTATIVE required by Hirst, Brooke & Hirst, Ltd., for South Yorkshire area. Applicants must be pharmacists with experience preferred. Apply to Managing Director, Sheepscar Works, Leeds, 7.

REPRESENTATIVES wanted to carry established and exclusive line in powder puffs in areas of Scotland, South Coast, North and North-West London. One other line not objected to. £2 per week towards expenses, plus 7½ per cent. commission on retail orders. 1/251, C. & D. Office.

REPRESENTATIVES required in many parts of the country on a commission basis to handle full range of cosmetics, perfumery and medicated tablets, fast selling lines. Please state in first instance the actual territory covered and lines already handled. 1/219, C. & D. Office.

REPRESENTATIVES (three) required. (1) North-east territory, (2) Midlands, (3) Wales and Gloucester. Calling on chemists, departmental stores and wholesalers. Excellent lines, one national advertisement. Good commission terms. 1/170, C. & D. Office.

REPRESENTATIVES required on commission basis throughout Great Britain with live connections with the wholesale and retail grocers, stores and chemists for sound repeating household products. Only salesmen accustomed to large turnover need apply. Reply to Slip, 95 Victoria Street, St. Albans, Herts.

REPRESENTATIVES wanted throughout Great Britain and Northern Ireland to introduce new liquid shampoo to chemists on generous commission terms. 1/236, C. & D. Office.

SCOTTISH representative required by leading proprietary house, marketing nationally advertised medicinal and toilet preparations. Connections in Scotland not necessary, but would be required to reside there—preferably in the Glasgow district. Car provided. Letter giving fullest personal details, etc., to Sales Manager. 1/252, C. & D. Office.

TABLETS Maker. Experienced man required London, N.W. district (5 day-week). Knowledge of granulating, use of single punch, also rotary machines. Permanency. Write stating age, experience and salary required. 1/249, C. & D. Office.

TABLET maker, fully conversant with rotary and single punch machines. A progressive position with ample scope for man with initiative. 1/143, C. & D. Office.

THE BRITISH DRUG HOUSES, LTD., have vacancies for young pharmacists (male):—(a) Assistant to deal with correspondence of a technical nature; ability to write good English essential; (b) Assistant in galenical laboratory; (c) Assistant in tabletting department. Commencing salary according to age and experience, with superannuation and good prospects. Graham Street, City Road, N.1.

THE manufacturers of Lather, the luxury washing preparation, have a few permanent positions for representatives, either full time or who are already calling on chemists in Southern England and the Midlands. Only steady and hard workers who are able to earn a high rate of commission are required (Orders are delivered by our works in one to two weeks). Write to address below giving experience, any territory covered, etc., and best day for interview in London. 1/156, C. & D. Office.

TRAVELLER required on commission basis (part time) to call on chemists, etc., in London area district for the sale of compressed tablets and pills. Existing established connection available. Apply in writing to Buckley-Bowker Tablet Co., Ltd., 2 Parkfield Street, London, N.1.

WANTED by important manufacturers of ethical pharmaceuticals in London, highly qualified sales manager able to give salesmen who are visiting physicians and chemists energetic and enthusiastic leadership. Applications with full details of qualifications, previous experience and desired salary which will be treated in strict confidence, should be sent to 1/213, C. & D. Office.

YOUNG pharmacist required to assist in the general management of a London wholesale house. Good salary with prospects offered to persons with initiative and ambition. Reply with full particulars as to salary, etc., to 1/214, C. & D. Office.

CLERICAL

JUNIOR girl clerk required for make-up department of THE CHEMIST AND DRUGGIST. Hour 9.30 a.m. to 5 p.m., no Saturdays. Prospects of advancement and permanency. Write in first instance stating age, salary required and experience, if any to The Secretary, Morgan Brothers (Publishers) Ltd., 28 Essex Street, Strand, London, W.C.2.

JUNIOR clerk-typist required for publishing department of THE CHEMIST AND DRUGGIST. Shorthand desirable but not necessary. Hours 9.30 p.m. to 5 p.m., no Saturdays. Write in first instance stating age, salary required and experience to The Secretary, Morgan Brothers (Publishers) Ltd., 28 Essex Street, Strand, London, W.C.2.

WHOLESALE (OVERSEAS)

BURMA.—Qualified Chemist required for large retail and manufacturing firm of chemists in Rangoon, Burma. Age not over 30, single man preferred. Salary between £400 and £500 p.a., according to experience and qualifications, free of Burma income tax, with annual increments of £25 p.a., plus free board and lodging and free passage both ways. The period of service to be for 3½ years, inclusive of 6 months' leave on completion of 3 years' active service in Burma.

Applicants should be of full British parentage and should write by air mail, stating age, qualifications and experience, to: Messrs. E. M. de Souza & Co., 465-69 Dalhousie Street, Rangoon, Burma. Copies of applications to be sent to: Messrs. Frank Ross & Co. (London), Ltd., 4 Lloyd's Avenue, London, E.C.3.

PLANT chemists urgently required for process plant operations by large company operating in the Middle East. Applicants need not be graduates but should have had a chemical training up to Inter B.Sc. or National Certificate Standard with experience of shift work in either a gas, coke oven or chemical works. Age not over 30. Salary in sterling between £540 and £600 per annum plus generous allowances in local currency, with free furnished bachelor accommodation, passages out and home, medical attention, also kit allowance and provident fund benefits. Apply stating age, qualifications and experience, etc., to Dept. F.22, 162/461, C. & D. Office.

TRAITS SETTLEMENTS: An unmarried, qualified assistant is required by a well-known firm of wholesale and retail chemists in Singapore. The contract will be for four years and passage will be paid out and home. There will be a basic salary, plus a cost-of-living allowance. Six months' leave with pay will be allowed at the expiration of a satisfactory 4-year contract. Administrative experience will be an advantage. This is an exceptional opportunity for a good man. Apply with usual particulars to 1/89, C. & D. Office.

SITUATIONS WANTED

6 for 18 words or less, 1d. for every additional word

WHOLESALE

EXPERIENCED representative (35), first class sales record, own car, resident Malvern area, seeks post with progressive manufacturing house for Worcs, Glos, Hereford, Wales. Write 1/179, C. & D. Office.

EXPORT. Single woman, 35, accustomed to handling sales correspondence, shipping, and all export formalities, seeks part-time post. 114 daily. Knowledge pharmaceuticals, oils, and chemicals, fluent French and German. Free July. 1/203, C. & D. Office.

QUALIFIED sales manager, first-class experience, successful record and wide contacts, seeks responsible post with good prospects. 1/110, C. & D. Office.

APPOINTMENTS

LOCUM TENENS (M.P.S.), required for two weeks in late August or early September. Salary £8 8s. per week. Apply Secretary, Westminster Children's Hospital, Vincent Square, S.W.1.

CROWN AGENTS FOR THE COLONIES

Applications from qualified candidates are invited for the following post:—

ASSISTANT PHARMACIST required by the Government of Tanganyika Territory for the Medical Department for one tour of 24 to 36 months in the first instance. Commencing salary according to age and war service in the scale £372, rising to £600 a year. A cost-of-living allowance is payable. Provident fund. Outfit allowance up to £60. Free passages and quarters. Candidates between 25 and 35 years of age must be members of the Pharmaceutical Society of Great Britain. Apply at once by letter, stating age, whether married or single, and full particulars of qualifications and experience, and mentioning this paper, to the Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M/N/18058 on both letter and envelope.

HILL END HOSPITAL, ST. ALBANS

ASSISTANT PHARMACISTS required. Salary in accordance with the Joint Negotiating Committee's Report (Hospital Staffs) (£370 p.a. rising by £15 to £450 p.a. inclusive of cost of living bonus). Apply stating age, qualifications and particulars of experience to Medical Director.

KING'S COLLEGE HOSPITAL

DENMARK HILL, S.E.5.

Locum Tenens Assistant Pharmacist required for 14 weeks from June 23rd, 1947. Salary 8½ guineas per week. Applications, with details of experience, should be sent to The Pharmacist at the above address.

KENT COUNTY COUNCIL

ASSISTANT PHARMACIST

Applications are invited for the following appointment at the County Hospital, Sevenoaks Road, Orpington. Assistant Pharmacist (M.P.S. or Ph.C.), either sex. Hospital experience preferred. Salary £370 a year by four increments of £15 and one of £20 to £450 a year. Superannuation. Medical examination necessary. Applications, stating age, qualifications, experience, and the names and addresses of two responsible persons to whom reference may be made as to professional ability, to be sent to the County Medical Officer, County Hall, Maidstone, as soon as possible.

W. L. PLATTS,

Clerk of the County Council.

County Hall, Maidstone.

June 12, 1947.

LONDON COUNTY COUNCIL

Locum tenens dispensers (Apothecaries' Hall Certificate preferred) required immediately for duty in L.C.C. hospitals. Continuous work for three to four months. All positions are non-resident. Rate of pay a week, £7 5 6 (men), £7 1 3 (women). Hours of duty 39 a week. Application forms obtainable from the Medical Officer of Health (S.D.3), The County Hall, Westminster Bridge, S.E.1. (1993).

LONDON COUNTY COUNCIL

PART-TIME ASSISTANT PHARMACIST required for duty at St. Lawrence's hospital, Caterham, Surrey. Candidates must be registered pharmacists. Salary, five shillings an hour for a maximum of 21 hours a week. Apply to Medical Officer of Health (MHS/1), Public Health Department (Mental Health Services), County Hall, Westminster Bridge, S.E.1. (1922).

LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1

A qualified assistant pharmacist (female) required. Salary in accordance with J.N.C. scale. Applications, with full particulars, to be sent to the Pharmacist.

LONDON COUNTY COUNCIL

PART-TIME ASSISTANT PHARMACIST required for duty at Tooting Bec Hospital, Tooting, Bec Road, S.W.17. Candidates must be registered pharmacists. Salary, five shillings an hour for a maximum of 21 hours a week. Apply to Medical Officer of Health (MHS/1), Public Health Department (Mental Health Services), County Hall, Westminster Bridge, S.E.1. (1921).

ROYAL FREE HOSPITAL, GRAY'S INN ROAD, LONDON, W.C.1

Applications are invited for the post of Assistant Pharmacist. Salary in accordance with J.N.C. scale. Applications, stating experience and giving names of two referees, should be addressed to the House Governor.

MANCHESTER ROYAL INFIRMARY

Assistant Pharmacist required. Salary in accordance with the scale of the Joint Negotiating Committee (Hospital Staff). Applications, stating age, qualifications and experience to be sent together with copies of testimonials should be sent to the General Superintendent.

MIDDLESEX COUNTY COUNCIL

ASSISTANT PHARMACIST for HAREFIELD COUNTY HOSPITAL, Harefield, Mx. (Registered essential). J.N.C. (Hosp. Staffs) salary £370 inclusive; annual increments up to £450 p.a. considered. Similar experience may determine commencing salary. Recently qualified pharmacists eligible. Whole-time, unestablished possible establishment; subject to medical examination. Application, stating age, quals., exper., with copies of up to 3 recent testimonials, to MEDICAL DIRECTOR at Hospital IMMEDIATELY quoting C.110 C.D. No forms.

C. W. RADCLIFFE,
Clerk of the County Council.
Middlesex Guildhall, S.W.1.

MANCHESTER ROYAL INFIRMARY**CHIEF PHARMACIST**

Applications are invited for the post of Chief Pharmacist to the Manchester Royal Infirmary. Applicants must have had considerable experience in hospital pharmacy and should possess a degree in pharmacy and/or the Ph.C. Diploma. Salary range (at present) £600/£800 p.a., commencing at a point according to experience. Applications, together with the names of not less than three referees, should be submitted to the undersigned not later than July 19, 1947.—By order, F. J. Cable, General Superintendent and Secretary.

**ROYAL SOUTH HANTS AND
SOUTHAMPTON HOSPITAL,
SOUTHAMPTON**

ASSISTANT PHARMACIST REQUIRED. Hospital experience not essential. Salary in accordance with the J.N.C. Scale. Applications, stating age, qualifications, with copies of recent testimonials, should be sent to the undersigned forthwith.

House Governor and Secretary.
FRANK JENNINGS,
24th June, 1947.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at EPSOM COUNTY HOSPITAL, Dorking Road, Epsom. Commencing salary on grade £370 x £415—£430 x £20—£450 p.a. inclusive. Applications in writing stating age, qualifications and experience with a copy of not more than three recent testimonials should be sent to the Medical Superintendent of the Hospital.

SURREY COUNTY COUNCIL

LOCUM ASSISTANT PHARMACIST required at EPSOM COUNTY HOSPITAL, Dorking Road, Epsom.

Salary £8 10s. per week, inclusive. Further information from the Medical Superintendent, to whom applications should be sent.

ROMFORD JOINT HOSPITAL BOARD**RUSH GREEN EMERGENCY
HOSPITAL, ROMFORD**

Applications are invited for the post of whole-time PHARMACIST, male or female, at the above Hospital. Salary at the rate of £420 per annum, rising by 5 annual increments of £15 to a maximum of £495 per annum. In the case of women applicants, resident accommodation, for which a charge will be made, can be provided.

The appointment is subject to one month's notice on either side and to the provisions of the Local Government Superannuation Act, 1937. Applications, stating name, age, nationality, qualifications and experience, together with copies of two testimonials, to be sent to the undersigned.

ERNEST E. TAYLOR,
Clerk of the Board.

Clerk's Office,
Rush Green Hospital,
Romford, Essex.
June, 1947.

ASSISTANT DISPENSER required immediately with Apothecaries' Hall qualifications. National Joint Committee salary scale. Apply stating full particulars with copy testimonials to Superintendent, Royal Infirmary, Preston.

AGENCIES

12/6 for 36 words or less, 3d. for every additional word

A PROGRESSIVE firm with well-packed products for chemists only require agents on good commission basis, carrying one other agency, for London, North-East, South-East Counties and Midlands. 1/260, C. & D. Office.

A GENT wanted for London, Midlands and Scotland for sale of high grade surgical foot appliances/foot easers. 1/216, C. & D. Office.

A GENTS with connections with hospitals, nursing homes, doctors, required to carry excellent quality hypodermic syringes in most districts and including Ireland. Good commission and repeats. 1/232, C. & D. Office.

E STABLISHED agents, with high-class connections with chemists and stores, required in all districts for the sale of high-quality medicated lozenge and tablets, Wilson's Hair Colour Restorer and Nu-Feet Salts. Applications, giving full details of ground covered and houses represented, to be addressed to "Agency," P.O. Box 31, Nottingham.

E STABLISHED chemists wholesalers, C.F., N.E. Scotland, desire to represent English manufacturing house, not already represented in Scotland, for drugs, packed pharmaceuticals, surgical goods, chemists' sundries. Warehouse available for storage. Travellers already on the ground. 1/226, C. & D. Office.

I MPORTER desires to represent English manufacturing chemist house for packed pharmaceutical products, surgical goods, chemists' sundries, etc., exclusively for British East Africa. Large yearly turnover guaranteed. Preference will be given to attractively packed products and those who have experience of export trade should apply. Quote Ref. 759621., 1/131, C. & D. Office.

L OONDON sales organisation with representatives covering entire country wish to hear from manufacturers, large or small, who would be interested in first-class representation. Replies in confidence to 1/227, C. & D. Office.

MANUFACTURING Chemists require distributors in all English areas for their non-competitive lines. Good terms offered to a firm who will establish sound connections with chemists, wholesalers, etc. 1/254, C. & D. Office.

MANUFACTURING Chemists require additional lines for 2 representatives. If you have products that sell and repeat and desire maximum distribution by sound salesmanship throughout (1) London (North of Thames), Middlesex, Essex, and Eastern Counties. (2) Stafford, Worcester, Shropshire, Warwick, Hereford. Please forward particulars. Own cars. 1/257, C. & D. Office.

MANUFACTURERS' agent, specialising in supplying all kinds of rubber articles to retail chemists, wishes to contact manufacturers of all types of rubber goods, including condoms, teats, gloves, soothers, hot water bottles, etc. 1/239, C. & D. Office.

PAINTS, varnish. Representatives wanted on commission basis. Please state ground covered and references. Write 1/221, C. & D. Office.

PERFUMES, perfume bases, beautifying products. Paris house desires live agent for marketing exclusive lines. Enormous possibilities. Write, M. L. Charman, Le Chateau Fontenac, 54 Rue Pierre Charman, Paris, 8e.

REPRESENTATIVES required, commission basis only, calling on chemists and departmental stores for well established quality product in the following areas: Scotland, Northern Counties, Midlands, East Anglia, Home Counties, West Country, South Wales. Write with full particulars 1/210, C. & D. Office.

TRAVELLERS wanted to carry additional selling lines on commission; Northumberland, Westmorland, Cumberland, Durham, Lancs, Cheshire, Derby, Lincs, Norfolk, Suffolk, Wales, London Home Counties, Edinburgh and N. Scotland. State areas and lines carried. 1/147, C. & D. Office.

PARTNERSHIPS

WELL established Irish manufacturing company, marketing greyhound veterinary products, require working partner for expansion with £2,000 capital to organise sales end. 1/217, C. & D. Office.

BUSINESS OPPORTUNITIES

1/6 for 36 words or less, 3d. for every additional word

ADVERTISER invites enquiries from British and American firms contemplating manufacturing and distributing in Eire. He is prepared to procure building sites for premises or to purchase suitable premises; initiate business and act as managing director, or director and general manager; wide experience of the pharmaceutical and chemical trade and of business generally. Graduate in Science and Commerce, Barrister-at-law, qualified accountant and secretary. Competent to deal with all problems of currencies, import and export requirements, and Governmental Departments. Extensive connections in Eire. Ex-British officer decorated and despatches. Salary required £800 to £1,000. Lesser offers not considered. Reputable firms only need apply. 1/52, C. & D. Office.

LARGE company manufacturing all types of polishes, household cleaners, etc., have facilities available including hand and automatic filling, analytical control laboratory and expert technical advice for the production of customers' own name products. Enquiries should indicate whether supply of tins and packing material also is desired. 1/60, C. & D. Office.

LONDON Company of manufacturers and distributors having a director visiting Lucerne, Switzerland, in August, would be interested to hear from Companies or individuals with a view to import and export possibilities, etc. 1/229, C. & D. Office.

CENTURY-OLD company selling to wholesale and retail chemists, stores, etc., with thorough coverage of all outlets over whole country, can offer services of first-class sales marketing organisation to a manufacturer of suitable products seeking National distribution at moderate cost. Write, in confidence, to Managing Director. 1/246, C. & D. Office.

INTERNATIONAL chemical transactions. A substantial firm, with International connections and adequate finance, wishes to communicate with an agent or firm having wide experience and knowledge of International chemical markets but with insufficient resources to develop same, with a view to combined working. Only the highest references are acceptable and will be given. Apply in first instance to: Managing Director, 1/250, C. & D. Office. Replies will be treated in strictest confidence.

LARGE Distributors of popular quota lines of perfumes, toilet waters, cosmetics, etc., are now open to supply wholesalers at very keenest of prices and discounts, and invite enquiries. Write 1/234, C. & D. Office.

MANUFACTURERS and/or packers of products selling to chemists, or grocers, etc., are invited to reply if they are able to supply products with advertiser's own name or without any reference to manufacturer. Details of lines, which may be in large or small quantities, to 1/230, C. & D. Office.

SMALL Anglo-Belgian firm holding exclusive Continental rights well-known British pharmaceutical products requires additional capital. About £5,000. Excellent opportunity. 50 per cent. participation. 1/108, C. & D. Office.

SOLE distributing firm, with widespread sales organisation, is invited to apply for U.K. rights of new, harmless, and approved hair tint. 1/234, C. & D. Office.

TOILETS quota (large or small) will be purchased by advertiser. Please state amount for sale and price for outright purchase. 176/942, C. & D. Office.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word

MULTIPLE organisation with vast capital resources require businesses in the Cambridge, Bishop's Stortford and Dunmow areas. Pharmacists prepared to negotiate should reply to 1/231, C. & D. Office.

REQUIRED to purchase surgical, drug and (or) hygienic stores, London or provinces, coastal towns. Write in confidence, 1/79, C. & D. Office.

REQUIRED. Business (or partnership) where chemical training and commercial experience are an asset. Capital up to £10,000 available. No objection to small business if sound. Write in confidence, R. G., c/o Anglo-Scottish Register, 41 St. Andrew's Hill, London, E.C.4.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word

EXCEPTIONAL opportunity through illness for two experienced commercial travellers to acquire active financial interest in Lancashire company manufacturing food products. Substantial profits. Full details available to bona-fide inquirers giving banker's references. Capital required £2,000. 1/253, C. & D. Office.

MANUFACTURING chemists and wholesalers' business with cosmetics quota and well introduced trade mark. If required together with freehold and vacant possession of seven newly decorated and well furnished rooms, etc. C.H. and C.W. near West End. Owner going abroad. 1/202, C. & D. Office.

WIMBLEDON. Chemist business for sale, as going concern, with living accommodation. Genuine. Owner retiring. No opposition. Net profit about £600 per annum. £3,500, or with freehold premises, £2,500 extra. Apply, Hayes, 4 Hill Road (opposite station), Wimbledon 6464.

WANTED

1/6 for 40 words or less, 2d. for every additional word

A BIG price offered for home cines, cameras, or projectors. Bell-Howell, Kodak, G.B., etc. Also Leica, Contax and other precision cameras, enlargers, exposure meters, etc. Prompt cash. Wallace Heaton, Ltd., 126-7 New Bond Street, London, W.1.

AUTOMATIC cream filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holway, N.15.

CETYL ALCOHOL required in any quantity for manufacturing purposes. Offers to 1/220, C. & D. Office.

CHLORATE of soda required, small or large quantities. Nicoll, Bridgnorth Pharmacy, Shropshire.

GLYCERINE wanted, any quantities taken of B.P. quality. Cash by return. State quantity available and price required to 157/296, C. & D. Office.

LIQUORICE and menthol pellets required in bulk. 1/184, C. & D. Office.

MANUFACTURERS urgently requiring ceresin wax. Write 1/145, C. & D. Office.

MANUFACTURING chemists desire to purchase rad. gelsem root or powder. Any quantity up to 28 lbs. 1/225, C. & D. Office.

PHENOLPHTHALEIN, phenacetin, caustic soda, soda ash, sodium bicarbonate, B.P. required in substantial quantities. Top market prices paid. 1/43, C. & D. Office.

POWDER filler to fill four-ounces and twelve-ounces into tins required urgently. Preferably Albro type but any accurate filler entertained. 1/14, C. & D. Office.

ROTARY tableting machine wanted by manufacturers. Send full particulars and where seen, to 1/144, C. & D. Office.

SACCHARIN tablets—Regular supplies required by private pharmacy. Banker's reference available. 1/256, C. & D. Office.

SACCHARIN and glucose wanted in large quantities regular supplies needed, apply in strict confidence. N. R. Green, M.P.S., 72 Kimberley Road, West Southbourne, Bournemouth.

SACCHARINE Powder or Tablets required, £50 worth. Cash terms. Locks, Chemists, Fordingbridge.

STEARIC acid triple pressed required in large quantities. 147/850, C. & D. Office.

WANTED, glycerine; also extract yerba santa liquid. Offers to 1/211, C. & D. Office.

WANTED immediately for prompt cash in large or small lots. Dressings, bandages soiled or unsoiled. Bottles, tablets or medicine. Odd lots in proprietary lines or ex. A.R.P. stock. Tablets or powder of sulphalimide or similar type of product. Specimens and price to 221, Barnsley Road, Sheffield, 4.

26-OZ. and 13-oz. wine or champagne bottles required. 625/524, C. & D. Office.

MISCELLANEOUS SALES

12/6 for 36 words or less, 3d. for every additional word

BOTTLES for disposal. Five hundred gross, of ounce flats, screw mouth, first-class bottle 1/212, C. & D. Office.

EMULSIFIER (substitute for G.M.S.), not recommended for food. About 2½ tons available for immediate delivery. Apply E. H. Boss, 68 Duke St Grosvenor Square, W.1. May. 0118.

FOR sale, Pascall triple roll mixing machine, new also Mitchell mixing machine for 20 gallon View in London. Reply 1/244, C. & D. Office.

FOR sale, 30 gross 16 oz. ribbed ovals; also gross 2 oz. cork mouth panels bottle, nice shape V. C. Collier, 46 Haymill Road, Burnham, Bucks.

FOR sale, surplus stock, aspirin tablets, B.P. also a quantity of dry malt extract. 1/23 C. & D. Office.

SURPLUS. 7 cwt. lemongrass oil, 75 p.c. citra 7 cwt. citronella oil 51 p.c. geraniol. 1/12 C. & D. Office.

SURPLUS. 50 lb. sulphonated lauryl alcohol powder (5/3 lb.), 45 lb. borax B.P., 5 gross green enamelled tins (tablets) 5,000, clear "Kista envelopes, 5,000 printed envelopes. Particulars 1/237, C. & D. Office.

SURPLUS quantity of parchment envelopes suitable for shampoo powder containers. 1/234 C. & D. Office.

TABLET compressing machines, six single punch new condition, produce tablets up to ½ in. dia. Similar machines can be seen running. Inspection any time. No reasonable offer refused. Write Three Crowns Tablet Company, 21 Derringar Street, Hull.

43 GROSS round talc tins, dk. blue., 45 gross 1 oz. tall jars, white flint, 15 gross 1 oz. round toilet bottles, 15,000 grey skillets, 3 x 2 x 1 in. Offer for all or part to Jenkins & Associates, Ltd., 7 Bollo Bridge Rd., W.3.

50 GROSS ½ oz. white oval shampoo type bottle for sale, with screwed open tops and plastic caps, at 30s. gross inclusive. Seen London. 1/154 C. & D. Office.

£140 WORTH of surplus goods for sale, reduction of stock upon sale of drug store. Reasonable offer accepted for quick sale. 1/243 C. & D. Office.

300 GROSS 4 oz. clear ribbed bottles with metal screw cap, 37s. 6d. per gross delivered also 200 gross ditto 8 oz., 44s. per gross delivered 1/261, C. & D. Office.

Have you got your copy of

THE CHEMIST'S DICTIONARY OF SYNONYMS?

This book incorporates Rouse's Synonyms and contains thousands of synonymous terms. It is a most useful book of reference.

Post free 5/4 from

THE CHEMIST & DRUGGIST
28 ESSEX ST., STRAND, LONDON, W.C.2

THE CHEMIST AND DRUGGIST

ESTABLISHED 1839

RETAILER—WHOLESALE—MANUFACTURER

circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied trades and Industries in Great Britain, Empire, British Empire, and foreign countries

Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.

VOL. CXLVII JUNE 28, 1947 NO. 3514

Formulary Changes

Publication of the third edition of the National (War) Formulary has been delayed (see *C. & D.*, June 14, p. 671), the Ministry of Health has shown wisdom in releasing advance information of its contents (see p. 744). The material will be of particular value both to the pharmaceutical manufacturer, who must be in a position to supply preparations to the new formulas on the date when the formulary comes into force, and to the dispensing pharmacist, who is encouraged to acquire an early working knowledge of standards which he will probably use almost every minute of his working day. The changes serve partly to bring the N.W.F. in line again with advancing pharmaceutical knowledge, and improved methods of medical and surgical treatment, and partly to restore the use of certain galenicals, "guillotined" during the war for austerity reasons.

New Preparations

Notable among the additions are penicillin preparations, including ear, eye and nasal drops and a sterile penicillin-sulphathiazole dusting powder. In accordance with present trends, the injection of penicillin is directed to be prepared with an aqueous base, while alternative bases (solutions of beeswax in arachis oil or ethyl oleate) are allowed for the oily injection. D.D.T. application, an emulsion containing $17\frac{1}{2}$ gr. D.D.T. in 2 fl. oz., is another completely new preparation included in the formulary, while among new tablets the inclusion of Paludrine (0.1-gm.) is noteworthy. Recent cases of infection of baby powder with

tetanus organisms in New Zealand (see *C. & D.*, 1946.2.131), may account for the inclusion of a sterile dusting powder containing talc, directed to be packed "in stout paper or cellophane envelopes." The section in which this preparation is included, formerly known as the children's section, is now to be known, perhaps more accurately, as the infants' section.

The dispensing of mist. rhei. co. is facilitated by substitution for powdered rhubarb and powdered ginger, of the corresponding tinctures, while tincture of catechu replaces the powdered drug in mist. cret. and mist. cret. aromat. c. opio. In the mixture formulas generally, tinctures replace liquid extracts and concentrated tinctures, and gentian is replacing quassia as a bitter agent. Sodium metabisulphite as a stabilising agent has been added to gutt. physostigmin. and neb. adrenalin.

While it appears to have been the intention of the revisers to adopt, where possible, B.P. or B.P.C. formulas and names (and thereby to avoid, so far as possible, duplication of preparations or nomenclature), it seems a pity that emulsio paraffini liquidi alkalina, B.P.C., is to be known in the N.W.F. as emulsio paraffini liquidi et magnesiae.

The revisers might also have altered to advantage the name of the formulary to suit better the present period (of peace), but the fact that the word "war" has been placed in parenthesis in the Ministry's advance announcement may indicate that it is shortly to disappear.

Hot-water Bottle Prices

SOME confusion appears to have arisen as to the correct prices that a retailer should charge for india-rubber hot-water bottles. Prior to April 16, the rate of purchase tax chargeable (under Class 7 (b) viii) was $33\frac{1}{3}$ per cent. of the wholesale price. On that date, the Chancellor reduced the rate of tax on india-rubber hot-water bottles to $16\frac{2}{3}$ per cent., in order to bring them into line with metal and stone hot-water bottles.

No Order giving effect to the change was, however, issued by the Customs and Excise authorities, whose Rubber Hot-water Bottles (Maximum Prices) Order, 1945 (S.R. & O. 1945, No. 1157) dated September 17, 1945, was amended in 1946 (S.R. & O. 1946,

No. 1420), but has not subsequently been rescinded or altered. Under that Order, the maximum price a retailer may charge for an india-rubber hot-water bottle is the aggregate of the following amounts :—

(1) The price paid to the manufacturer or wholesaler by the retailer ;

(2) An amount equal to 42.86 per cent. of such price ;

(3) The amount of purchase tax paid in respect of such items.

The figure arrived at in this way was made subject, however, to an overriding maximum which was outlined in a table given in a schedule to the original Order, and amended in the 1946 Order to which we have made reference.

A Further Order Due

A further amending order is thus due from the Customs and Excise authorities in order to regularise the position, but chemists may take it that the new rate of tax is in operation. Until the new Order arrives, they may usefully refer to the following table which gives, in Column 3, our own figures for what the prices charged for india-rubber hot-water bottles should be, based on the 16½ per cent. rate of purchase tax :—

Item.	Description.	Overriding maximum price on sale to a retail customer (inclusive of purchase tax) at 33½ per cent.		Estimated overriding maximum price inclusive of purchase tax at 16½ per cent.	
		s.	d.	s.	d.
1	Moulded bottle (not being of the description of item 3 in this Schedule).				
	Size 2	7	2	6	6
	Size 3	8	3	7	6
	Any size (handled)	8	3	7	6
2	Hand-made bottle				
	Any size ..	12	11	11	8
3	Seamless bottle with rubber stopper.				
	Suba-Seal, Model No. 101 ..	11	0	10	0

Britain's Exports in May

THE aggregate of the goods exported from the United Kingdom in May was, at £89. million, the highest monthly total yet shown in 1947, and exceeded the monthly average for the fourth quarter of 1946 by nearly £1,000,000. The daily rate of exports in May was by value the highest this year. In the chemicals group, the total value of shipments amounted to £5,109,222, against £5,027,721 in the previous month. The drugs and medicines section was also higher at £1,180,326, compared with £1,102,734 in April and £1,147,978 in May 1946. In this section, proprietary medicines exports contributed £429,996, again a higher total than in the previous month, but a slight decline on the corresponding month in 1946. The totals for other items in this section include Quinine and quinine salts, £13,725 ; aspirin, £17,996 ; ointments and liniments, £576,782. Exports of penicillin reached a total of 467,763 mega units, valued at £85,422. Re-exports in the chemicals group totalled £52,072, of which shipments of prepared medicines amounted to £17,574. In May, the entrepôt trade in crude drugs reached the high total of £45,538, against £32,751 a year ago and £41,023 in April.

A lower total was recorded for toilet soap exports, which amounted to £15,269, against £27,999 in April. Perfumery and toilet preparations exported in May totalled £248,196, of which £32,667 was for tooth-pastes and other dental preparations, and £106,337 for cosmetics.

Infestation Control

A DESCRIPTION of methods recommended by the Ministry of Food for the "systematic destruction of rodent pests in urban areas" is contained in a pamphlet entitled "Infestation Control: Rats and Mice," published recently by the Ministry (obtainable from H.M. Stationery Office, Kingsway, London, W.C.2, price 1s. 6d.). The methods are based on a scheme developed by the Ministry during the war, the fundamental research for which was carried out by the Bureau of Animal Population, University of Oxford. Poisons mentioned include cyanide powders, zinc phosphide, red squill, and alpha-naphthyl-thiourea (popularly known as Antu).

FROM LEECHES TO PENICILLIN

Twenty-five years in business as a pharmacist at Edgware were epitomised in a window display by Mr. Horace Wright, M.P.S., recently. Below he relates his experiences during the quarter-century.

On a sleepy winter evening in 1921, I found, at the doorstep of the pharmacy I was managing at Cricklewood, someone furiously ringing the bell. He had come from Edgware, ten miles away, because he could not buy where the castor oil that he urgently wanted. The incident started me thinking. It also set in train a sequence of events that culminated, in March 1922, in my being the proud owner of the Edgware business. I found the population starving for some sort of pharmaceutical advice and very grateful for any help given them. I decided, therefore, as a fundamental policy to go out, sleeves turned up and ready for everything, for a business that made personal service to the customer its cornerstone. The passing of the years has proved my vision correct.

Personal Service

From the time of my demobilisation, after the 1914-18 war, I was aware that the young chemist was intent on "big business" of the rags type, and had thrown aside anything his father and teacher stood for. I maintained that this was a wrong policy, because, though there may have been a certain weakness and shortsightedness in his teachers, they also embodied much sound knowledge and capacity, which had given the chemist of fifty years ago a unique relation to his customer. Not only was he a "halfway house" between patient and doctor, he was also a friend of both almost their father confessor.

I set about extending the woefully low stock that I took over, offering to obtain anything possible for my customers, and determined to do my utmost to help each customer that came to me. The range of service was large. For example, I have been called to a house to see where all the maggots, found by the afflicted housewife in the hall, the kitchen and most everywhere else, were coming from. I, following up the spoor, have traced the maggots to the remains of a duck in the dustbin; I have borne a cylinder of oxygen on my shoulder for a couple of miles in the middle of the night; and I have spent a Christmas afternoon obtaining an air-bed.

In my early days the village doctor was a young and old Irishman—Doctor Findlater—who, when he observed my efforts, gave me every encouragement, and I feel that this contributed materially to my "dig me in." The medical men that have

come here since my arrival have all helped me. I have always had to keep a step ahead of the doctors in their requirements, with the result that they have come to look on me as a sure source of information and supply, and I must say that it has repaid me very well indeed.

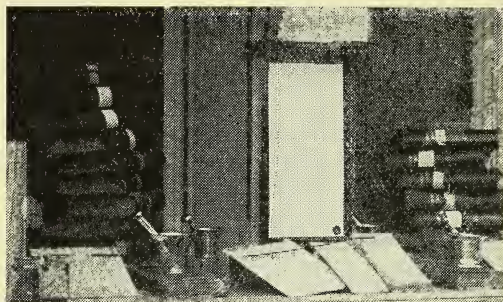
Successful Advertising

Following the extension of the Underground railway to Edgware in 1923, and the consequent expansion of the population, the Middlesex County Council decided to widen the High Street, where my shop was situated. The process took over ten years, and traders began to find themselves surrounded by empty and half-pulled-down shops, and hemmed in by closed roads and heaps of debris. The conditions spelt ruination to some, but fortunately the many customers to whom I was known continued to come to me in conditions so bad that I sent out a circular headed—"Shop in the Front Line." I may say that I have found the most successful form of advertisement to be an entirely personal circular, well-produced and unique in layout—never "cheap," but hinting at the merits of my pharmacy by the quality of the presentation.

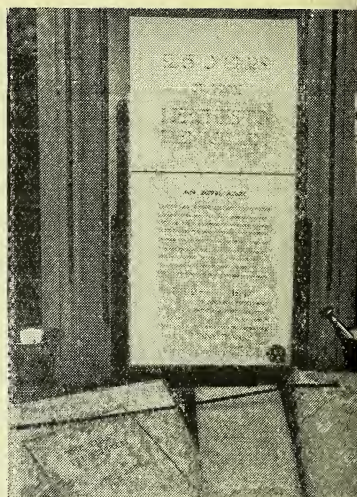
I decided that a modicum of public activity was necessary to keep one's place conspicuous, and for seven years I was president of the Edgware Chamber of Commerce. The position, while not calling for too much absence from the business, served to acquaint me with my neighbours and to consolidate my position locally.

In the middle thirties several doctors in the district gave up dispensing, and I took over the contents of a number of the dispensaries. Often they showed a tendency to continue having the medicine charged to their account, but I consistently pointed out to them that, in these days of expensive medication, that policy resulted in their own bill appearing unduly large, and that the patient might prefer to pay the account in two portions—part to them and part to me. Today, this system is invariably adopted.

During the war I lost two qualified men and my secretary, called up for national service. I had to work practically day and night, and in my spare time performed the duties of Post Warden over half the business area of Edgware. No holiday for seven years, and doing every-



SILVER JUBILEE WINDOW DISPLAY.—"Leeches to Penicillin" window display put in by Mr. Horace Wright, Edgware, Middlesex, to mark the completion of twenty-five years' pharmaceutical service to the local population. At right, enlarged view of Mr. Wright's written "Appreciation" to the local "doctor friends, nursing homes, hospitals, their patients, and my patrons," with script book open at the first prescription dispensed at the pharmacy.



thing from washing bottles at the sink at 7 a.m. to carrying in goods from the vans driven by women who could not lift the packages, was heavy going. Surprisingly, I think I have felt the better for it. More than thirty-five years have now passed since I qualified. Looking back, I feel a profound satisfaction and sense of accomplishment, which I tried to epitomise in a window I designed this year as a silver jubilee celebration. I have not made a tremendous fortune, but I have had quite a good time and many hobbies: tennis, fishing and painting. I have had a motor-car for twenty-four years, and I have seen most of the beauty of England and the Continent.

Unusual Window Display

In the window display referred to I placed all my prescription books, ranging through one-and-a-half alphabets and representing just under 190,000 prescriptions. I opened the first book to show the first prescription I had made up. Beside it I put four leeches and on the other side a penicillin show, linking the two together, and calling the display "From Leeches to Penicillin." On a large card I inscribed a message of thanks and appreciation to local doctors, nursing homes, their patients and my clients for the confidence they have placed in me during the past twenty-five years in the care of their health and the making of their medicine. The window has been a great success, and has called for much comment and commendation, both individually and in the general and local Press. The dis-

play is of the kind I consider should be most in evidence in the future, in view of the new health services and their significance.

In closing, I should like to say that there never was a time when the demand for good personal service and help on the part of the private chemist was in greater demand, and the man that is prepared to offer it need not fear competition from either multiple or private business.

A PHARMACIST'S ANTHOLOGY

You tackle fever with Science, Mr. Onslow and it hasn't a show. And if we haven't got science aboard here, concentrated and labelled and bottled down in our medicine chest, I don't know where you will find it. Yes, sir, I will say that—the *Port Edes* has a romping fine medicine-chest; and I've been through it all myself, so I ought to know. The donkeyman's been most ways through it, too, but he's on at fever mixtures now and he's going solid at them. We've three quart bottles: A for bilious, B for malarial, and C for typhoid; and the donkeyman has a swig out of each, with a nip of chlorodyne thrown in, just after his breakfast every morning, and then a rub with some Rheumatic Cure, and if he isn't as right as a mail-boat—well, never speak to me of drugs again.

From "*The Little Red Captain*,"
by C. J. Cutcliffe Hyne.

VETERINARY ABSTRACTS

Penicillin in Bovine Mastitis.—During 1945-46 sixty-four dairy cows suffering from streptococcal mastitis were treated by Downham and Christie ("Veterinary Record," 1946:58.475) with penicillin by udder infusions, and results showed that 75 per cent. were cured clinically and bacteriologically. A solution of 120,000 units of penicillin in 400 mls of sterile distilled water is recommended by the authors for use on each occasion; it is sufficient for treating the four quarters of the udder. The most convenient time for infusion is shortly after milking. Work is being carried out on the treatment of staphylococcal mastitis, and it appears that a larger dose of penicillin may have to be given than with the streptococcal infection. Summer mastitis in dry cows (due to *C. pyogenes*) has not responded so successfully, however, to treatment with penicillin.

New Treatment of Bovine Coccidiosis.—4:4'-diamino diphenyl sulphone, a drug which has been known for some years to possess antibacterial activity, has been found by Steward ("Veterinary Record," January 18, p. 21) to be effective in the treatment of bovine coccidiosis caused by *Eimeria Yurnii*, and it is cheaper than Sulphamethazine, an alternative drug. Giving the drug orally once every twenty-four hours resulted in cessation of the dysentery, and the oocyst count became reduced from levels between 200 and 25,000 per gm. to negligible numbers within forty-eight to seventy-two hours, the faeces returning to normal within the next twenty-four hours. Dosage recommended is at the rate of 0.04 gm. per kilo per twenty-four hours or 0.08 gm. per kilo per forty-eight hours, but in either case the first (loading) dose should be double. The author recommends that the treatment should be given over a period of at least six days.

A German Veterinary Ointment.—A recently issued report by the British Intelligence Objectives Subcommittee (F.I.A.T. Final Report No. 868) describes an ointment, developed by the I.G. Farben plant at Hoechst and issued under the trade name of Bovoflavine, for the treatment of bovine trichomoniasis. The ointment has the following formula:—

Trypaflavine	0.5
Surafen A	0.05
Triethyleneglycol	55.00
P.60	38.45
Distilled water	6.00

Trypaflavine, the I.G. Farben brand of neutral acriflavine, is an empirical mixture of the methylchloride and the hydrochloride of diamino acridine. It is obtained by carefully controlled neutralisation of a solution of the monochlorhydrates of 3-6-diamino-10-methylacridiniumchloride and 3-6-diamino-acridine, followed by precipitation with saline. Surafen A belongs to the amino-quinoline series and is used as a surface and depth protozoicide, its action being, apparently, complementary to that of trypaflavine. Triethylene glycol and P.60 (a condensation product of ethylene oxide) are used to provide an ointment base suitable for use on moist membranes of the penis. The ointment has a markedly low melting-point.

Hexachlorethane in Fascioliosis.—Fourteen emaciated cattle and twelve sheep "in poor condition," all infected with liver fluke, have been treated with a suspension of hexachlorethane by Lapage and others with good results ("Veterinary Record," April 12, p. 176). The suspension used was made to the following formula (recommended by Olsen):—

Hexachlorethane ...	500 gm.
Bentonite ...	50 gm.
White flour $\frac{1}{4}$ to $\frac{1}{2}$ teaspoonful	
Tap water ...	750 mls

The water is added slowly to the other ingredients, stirring with a wooden implement, and the final mixture contains approximately one part of hexachlorethane in two parts by volume. The doses recommended are, for cattle, 10 gm. hexachlorethane (20 mls suspension) per 100 lb. live weight; for sheep, 15 gm. to 30 gm. of hexachlorethane. The animals need not be fasted. Eight out of the twelve sheep ceased to pass fluke eggs within six to seven days after a single dose (15 gm.) of hexachlorethane, though some relapse was observed after twenty-seven days. With the cattle, a total of from 29 to 57 gm. hexachlorethane; given in two doses at an interval of eleven days, produced a negative egg-count in eight out of nine cattle, sixteen days after the second dose; while a single dose in the five other cattle produced on the fifteenth day a negative result in two. The cattle doses were approximately half those recommended by Olsen. A twice-yearly treatment is recommended—in late autumn; and again in early spring, when more adult (and less resistant) flukes are present.

SCOTTISH PHARMACEUTICAL FEDERATION

A MEETING of the executive of the Scottish Pharmaceutical Federation was held in Edinburgh on June 11, Mr. C. A. Buick (president) in the chair.

Mr. W. T. ELDER (the Federation's representative on the Chemists Federation Council) reported on meetings of C.F. committees and of the C.F. Council which he had attended in London. He referred to a circular which had been issued to all C.F. manufacturers and wholesalers about a C.F. publicity and propaganda fund, and mentioned that an appeal would also be made to retail chemists for contributions. It was intimated that C.F. propaganda meetings to be held in Falkirk on July 8, Glasgow on July 9, and Ayr on July 10, would be addressed by Mr. R. H. Kemp (secretary, Chemists Federation). THE PRESIDENT reported on a meeting of the Joint Committee on a National Pharmaceutical Service which he had attended in London on May 8. It was also mentioned that a report on the present position as it affected Scotland would be given in the afternoon at a meeting of the Pharmaceutical Standing Committee (Scotland) (Enlarged) of which the Executive Council of the Federation were members. It was reported that a wages agreement between the Federation and the Union of Shop, Distributive and Allied Workers had been formally signed on April 19.

Claims Dealt With

The secretary's report on cases dealt with since last Executive Council meeting, which was submitted and approved, referred, *inter alia*, to the following:—An indemnity claim against a member for £100 in respect of the death of a greyhound, alleged to have been caused by an overdose of male fern in a worm capsule supplied by the member, had not yet been settled. Advice had been given to a member on a complaint, made to the Insurance Committee by a doctor, that a National Health Insurance prescription had not been properly dispensed. The Insurance Committee had issued a severe warning to the chemist and directed his attention to the need for accurate dispensing. A member who had obtained proofs from a number of label printers, was advised that a charge for the work involved in supplying a proof label was legitimate. The Federation's solicitor had advised a member that a lady assistant who had left his services after giving only one week's notice was not entitled to any pay in respect of holidays which she had not received, and advised the member to repudiate liability. A member's claim against a firm for

a refund of £5 10s. which had been paid to account in respect of the purchase of a cash register, delivery of which had been delayed, was settled to the member's satisfaction.

A report was given of a meeting held in Glasgow on April 29 between representatives of the Federation and a deputation from the Northern Ireland Pharmaceutical Negotiating Committee regarding National Health Services. A letter had been received expressing the Committee's thanks for an instructive and enjoyable visit. As the result of correspondence with the Ministry of Food, Glasgow, in connection with a member's personal points account which had lapsed as a result of confectionery zoning, the account was reinstated with the credit held at the time of lapsing.

The Federation's accounts for the year ended April 30 were submitted, approved and adopted, subject to audit. The financial result was considered satisfactory. The scrutineers' report for the Executive Council election was submitted, and THE PRESIDENT declared the following new members of the *Executive Council* duly elected:—*Aberdeen and North Eastern Area*, Messrs. W. T. Elder and John A. Neil; *Dundee and East and Central Area*, Messrs. John Anderson and J. B. Coupar; *Edinburgh and South Eastern Area*, Messrs. P. H. Cartwright, William Reid and John H. Tainsh; *Glasgow and South Western Area*, Messrs. C. A. Buick, W. Spence Culbert, David Hogg, A. Murray, Andrew Officer and William Peebles. It was agreed to invite Mr. Robert S. Whitelaw, Cupar, and Mr. T. Mackenzie, Inverness, to fill vacancies in the Executive Council for *Edinburgh and South Eastern Area* and *Inverness and Northern Area*, respectively. Mr. Charles A. Buick was re-appointed *President*, and Mr. W. Spence Culbert *Vice-president*.

Alkaloidal "Herbs."—In the nurseryman's seed catalogue I was a bit startled to see under the heading "Herbs" not only sage, thyme, marjoram, and such like, but belladonna and henbane . . . So I wrote a friendly note to the firm when I ordered my seeds, asking if it was not rather risky to include poisonous plants among herbs. They replied that the classification was "herbs" and not "culinary herbs" and that those for domestic use were starred. The demand for belladonna and henbane was so great, they said, that it seemed simplest to catalogue the seeds in this way. The labels bore a warning note that the plants are dangerous.—A peripatetic correspondent in the "Lancet."

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

Refund of Purchase Tax

SIR,—The statement of the Customs and Excise authorities that buyers of goods on which purchase tax has been paid, and which are now exempt from the tax (e.g., electric irons), can obtain a refund of tax paid from the retailer, is a proof of my contention in your issue of April 26 (p. 471) that it should be a very simple matter for retailers to obtain refund of tax paid from their suppliers in comparable circumstances.

Q. E. D.

Fruits of Bargaining

SIR,—May I refer to the leading article in your issue of June 21 (p. 719) and to your report (p. 716) of the address which I gave to the Cheltenham Branch of the Pharmaceutical Society on June 12? In the Editorial you mention that I challenged the claim of the National Pharmaceutical Union to have been successful negotiators. This is, of course, a perfectly true statement of fact, but in the account of the meeting you were unable, unfortunately, for reasons of space, to include the arguments and figures I quoted in support of that challenge. I should therefore be grateful if you would permit the space for the following short statement. In my address I referred to a statement made by Mr. Mallinson at the recent Conference of Pharmaceutical Committees at which he said that, at the time he was assistant secretary to the Pharmaceutical Society, the Council had a poor idea of the value of the chemists' services under National Health Insurance. This was the statement to which I made reply in my Cheltenham address, and in support of my argument I quoted figures taken from the published reports of the Joint Committee for Pricing Prescriptions, South-eastern Division. In the year 1921, when the N.P.U. took over from the Pharmaceutical Society the duty of negotiating chemists' terms, the average dispensing fee in this part of the country was 54 pence per prescription. By 1924 this average fee had been reduced to 4.4 pence, remaining stationary at this figure until 1942. Thus the record of the N.P.U. over the first twenty-one years of its activities was an average reduction in the chemists' dispensing fees of approximately 20 per cent. I then developed the argument that the two wartime increments, each of 16½ per cent., between 1942 and the present day represented, in fact, only an increase of about 18 per cent.

on the figures ruling in 1921. I compared that small increase with the general increase of 76 per cent. in wages and salaries generally in this country since 1938. It was upon these figures that I challenged the claim of the N.P.U. that they have been successful negotiators of the chemists' terms since their inception. In a further sentence in the same paragraph of your Editorial you say that I fear that the N.P.U. would be willing to compound for lower remuneration. I think this is quite a misinterpretation of anything in my address. Where I referred to bargaining in goods, the context was that to approach negotiations on our terms of service on the basis of bargaining for goods was the wrong approach which could only lead to disappointing results. Perhaps you would be kind enough to find space for these figures, etc., in your next issue.

F. C. WILSON, *Secretary*,
Surrey Pharmaceutical Committee.
London, S.W.19.

BUSINESS CHANGES

RUDGE ROBERTS, wholesale chemist and chemists' sundriesman, has removed to 20 St. Michaels Street, Shrewsbury.

ROY AMIN (LONDON), LTD., have removed to 47 Strangeways, Watford, Herts (Telephone: Watford 3955).

JOHN KNOX (STOKE-ON-TRENT), LTD., have removed to Jaynox Works, King Street, Fenton, Stoke-on-Trent (Telephone: Longton 39221).

JOHNSON AGENCIES (PROPRIETARIES), LTD., and CAL-MA-VITE LABORATORIES, LTD., are opening a new factory at Horsham, Sussex, on June 30.

C. R. HARKER, STAGG & MORGAN, LTD., 8 St. George Street, Hanover Square, London, W.1, have acquired, and are carrying on through their subsidiary, Harkers Veterinary Remedies, Ltd., the wholesale veterinary and agricultural business of Veterpro, Ltd., Glasgow.

BRITISH ALUMINIUM Co., LTD., Salisbury House, London Wall, London, E.C.2, have appointed Mr. L. V. Chilton, B.A., manager of the company's intelligence department, and Miss W. Lewis, B.Sc., information officer. Mr. R. M. Warrington has been made responsible for the sale, and Mr. S. F. Derbyshire for the technical aspects of the company's special products. Mr. Freeman Horn, who has retired from the position of intelligence officer and manager of the special products department, is being retained as consultant until the end of 1947.

BUSINESS QUERIES AND ANSWERS

Subscribers are invited to address inquiries to the Editor on problems of management accounts, stock-keeping, taxation. To ensure that no information of a confidential nature is disclosed to a competitor, replies will be given under initials or a pseudonym. It is necessary to forward documents, copies only and not originals should be sent.

One-book Accounts

"I cannot understand why a standard method of accounts cannot be framed in one book. Such a system, of course, would have to be comprehensive, and in order to avoid delay at the end of the year it would have to be self-balancing. I should be pleased of your suggestions on this matter.—J. D."

It would be difficult to design a simple and self-balancing system of accounts in one book, because before the day-to-day business transactions were entered it would be necessary to ascertain the chemist's financial position.

The system would have to be based on the actual cash transactions, and a number of adjustments would have to be made at balancing time. The principle of double-entry would have to apply, and there would have to be a somewhat detailed analysis

purchases, rent, rates and taxes, management expenses, capital outlay, etc. This would mean the use of a cash section ruled by the printers with a sufficient number of money columns, including columns for bank lodgments, private drawings, and the payments made to suppliers in whose name accounts have been opened. The cash receipts would also have to be analysed to show the shop sales, other receipts, and the cheques drawn. A suitable pattern of ruling for the cash receipts and payment section of the book is shown below.

By adding together the three receipt columns and deducting the total payment the balance of cash in hand could be verified at any time, but there would be no need to insert this balance until the close of the year when ascertaining the classified totals of the various columns. The "Shop Sales" column would contain the ready

Cash Receipts and Payments

Left-hand side

Date	No	Received from	Particulars	Shop Sales	Other Receipts	Cheques Drawn	Total

Right-hand side

Date	No	Payments	Particulars	Total	Wages	Trade Purchases	Rent, Rates, Taxes, etc.	Management Expenses	Capital Outlay	Ledger Accounts	Private	Sundries	Paid to Bank

of business expenditure. Moreover, unless it was quite clear how the final figures should be marshalled, it would not be easy to balance the accounts.

The only way of overcoming these obstacles would be as follows:—The cash payments would have to be classified under standard headings, such as wages, trade

money takings as distinct from remittances received from credit customers, the latter being shown under "Other Receipts" and posted direct to the personal accounts which would be kept in a ledger. The amount of every cheque drawn on the chemist's bank account would be inserted in the "Cheques Drawn" column, being thereby

reated as cash received from the bank, and the amount of each cheque would have to be entered on the payments side, first in the "total" column, and then under its respective analytical head.

At the date of stocktaking the cash records could be summarised to show the totals under the fixed headings, and these totals would be dealt with in different ways. For example, the total of the "Wages" column could be debited direct to profit and loss, as also could the "Rent, Rates, Taxes, etc.," the "Management Expenses" and "Sundries," but the expenditure during the year under the heading of "Trade Purchases" would have to be added to the "Ledger Accounts" and the sum owing to trade creditors. From this total would be deducted the opening trade creditors to arrive at the correct figure representing the net trade purchases for the year. Similarly, only by adding the shop

sales and other trading receipts to the closing book debts and then deducting the opening book debts could the net sales for the year be determined. The amount of capital outlay would have to be added to the opening value of the particular asset or assets to arrive at the closing value, and from this the wear and tear allowances would have to be deducted. The amount shown under "Private" would include the drawings of the proprietor or partners, all expenses not directly connected with the business, and other items, such as cash deficiencies, and the total amount would be debited to capital account. To ascertain the closing bank balance, an account would have to be made up showing the opening balance, the total cash paid to bank, the total cheques drawn, and the bank charges or interest, and the figure would have to be reconciled with the amount shown in the chemist's bank book or ledger abstract.

MISCELLANEOUS INQUIRIES

Formulas given below may have been prepared for overseas subscribers and the inclusion of substances therein is no indication that they are available in Britain or, if available, permitted to be used for the purpose.

Flavoured Rat-baits.—*C. L.*—Fat for rat baits may be flavoured with the following mixture, using ten drops to each ounce of fat:—

Oil of rhodium	20 min.
Oil of caraway	1 dr.
Oil of lavender	5 min.
Oil of anise	10 min.

The flavouring may be incorporated in the following poison:—

Red squill powder	1 part
Fine oatmeal	2½ parts
Dripping	1½ parts

The fat is melted and mixed thoroughly with the dry ingredients and flavouring to form a thick paste.

Soapless Shampoo.—*E. P. F.*—A soapless shampoo may be prepared according to the formula which is given below:—

Sulphonated castor oil (75 per cent.) ..	63.0
Sulphonated olive oil (75 per cent.) ...	20.0
White mineral oil, light	5.0
Distilled water	10.0
Ethylene glycol	1.5
Perfume	0.5

Paste Shampoo.—*M. H.*—A paste shampoo may be made as follows:—

Best white soap	14 oz.
Potassium carbonate	3½ oz.
Water	28 oz.

Shred the soap and mix with the potassium carbonate in water; allow to stand overnight, then heat gently, stirring to make homogeneous, and add—

Glycerin	7 oz.
Oil of lavender	½ dr.
Oil of bergamot	½ dr.
Essence of musk	2 dr.

Tonic Friction Lotion.—*B. D. L.*—A tonic friction lotion may be made to one of the following formulas:—

I

Glycerin	8 oz.
Saponin	½ oz.
Oil of lavender	2 oz.
Oil of bergamot	½ oz.
Geraniol (palmarosa)	2 dr.
Musk (synthetic)	½ dr.
Industrial spirit	3 gall.
Water	2 gall.

Perfume must be obtained for the use of industrial alcohol.

II

Tincture of quillaia	
Ammoniated alcohol of each ...	4 fl. dr.
Glycerin or ethylene glycol	1½ fl. dr.
Isopropyl alcohol to	8 fl. oz.
Perfume	q.s.

After-shave Lotion.—*W. I. C.*—The following formulas are for after-shave lotions, with and without menthol:—

I

Menthol	5 gr.
Powdered tragacanth	½ dr.
Spirit	½ fl. oz.
Glycerin or ethylene glycol	2 fl. dr.
Eau de Cologne essence	q.s.
Water to	6 fl. oz.

Alternatively the tragacanth may be omitted and 1 fl. oz. bay rum substituted.

II

Boric acid	4 dr.
Glycerin	4 oz.
Alcohol	16 oz.
Eau de Cologne essence	q.s.
Solution of hamamelis to	128 oz.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex Street, W.C.2, June 25

PRODUCTION of PHARMACEUTICAL and FINE CHEMICALS continues on a high scale with demand far ahead of supplies. Manufacturers again emphasise the difficulties which are resulting from shortages of basic raw materials and of containers. The market is very firm, but the only price change during the past week has been shown in the rates for POTASSIUM BROMIDE, which have been advanced by one penny per lb. from June 23. The other bromides are unchanged.

Crude Drugs

The market remains quiet with many items inactive. Price changes have been relatively few in number. Somewhat lower prices are being asked for CURAÇAO ALOES and a similar tendency is shown in BALSAMS. CAMPHOR is a steady market. CASCARILLA is fractionally easier. CINNAMON quillings are offered at lower prices, and COLOCYNTH has been marked down in price in some quarters. Other items showing lower quotations are ERGOT, IPECACUANHA and MENTHOL, while sellers have shown a willingness to accept near bids for some grades of SENNA. SHELLAC continues to fall in price; there are now calls at 11.30 a.m. and 3 p.m. each day to fix prices, for delivery, of T.N. and Standard No. 1. CANDELLILLA WAX is quoted at lower prices.

Essential Oils

There have been no changes in the quotations for ESSENTIAL OILS and the market has again been quiet.

U.S. Drug and Chemical Report

New York, June 20

A QUANTITY of MEPACRINE HYDROCHLORIDE tablets, valued at approximately \$2,500,000 (acquisition cost), is to be offered for twenty days from June 23 to priority claimants and other buyers at new low fixed prices, the U.S. War Assets Administration announces. After July 12, any remaining quantities will continue on sale at the same fixed prices on a "first come first served" basis. The $1\frac{1}{2}$ grain tablets are being offered in bottles of 100 tablets to wholesalers and exporters at 10 cents, small retailers at 12 cents and large retailers at 11.4 cents. During the offering, a reserve of 10 per cent. will be held to fill orders of Federal agencies.

A good foreign inquiry for GLYCERIN is reported but export buyers are understood to be meeting with difficulty in obtaining licences for shipments. NICOTINIC ACID, NICOTINAMIDE and RIBOFLAVINE are now offered here at record low levels with the

announcement of \$1 per kilo reductions on the first two items and a \$50 per kilo cut in the last named product by one producer. Nicotinic acid now costs \$6.00, nicotinamide, \$9.50 and riboflavine (vitamin B₂) \$150 per kilo.

The U.S. Commercial Company, which is offering about 36 tons of Japanese MENTHOL on a sealed bid basis, announces that offers below \$7.24 per lb., f.o.b. Japan (estimated at about \$8.00 in New York after payment of duty, freight, insurance, etc.) will not be entertained. Minimum prices have also been announced for Japanese CAMPHOR, 80 tons of which are being offered on a similar basis; the minimum prices are \$1.20 per lb. for tablets, \$1.18 for slabs and \$1.16 for powdered material, all f.o.b. ocean vessel, Japanese ports.

Buyer resistance continues on the BOTANICAL and CRUDE DRUGS market and further price recessions are expected with the advent of the new collecting season. DIGITALIS, HENBANE and BELLADONNA are all scarce and firm in price, however. CARNAUBA WAX continues in a highly unsettled position.

Prices of ESSENTIAL OILS are now considered to have found their post-war levels and further substantial reductions are not expected. The arrival of about 28 drums of Ho (or SHIU) oil from China is reported. A substantial proportion of the shipment will be used by the importing houses and only very limited amounts will be available on the market. Further shipments are expected in the near future.

Pharmaceutical Chemicals

ACETANILIDE.—Makers' quotations for 1-cwt. lots in kegs are 2s. 5d. per lb. for crystals and 2s. 6d. per lb. for powder.

ALLOBARBITONE.—Current price for 10-kilo lots is 90s. per kilo; smaller quantities are quoted 99s. per kilo.

ANETHOLE.—Quotations for material prepared from star anise oil are at 20s. per lb.

ASCORBIC ACID.—Current quotations are from £23 10s. per kilo, upwards.

BROMIDES.—Makers have advanced the price of the POTASSIUM salt by one penny per lb. as from June 23. New rates per lb. are as follows: 5 cwt., 2s. 6d.; 1 cwt., 2s. 7d.; 28 lb., 3s. 1½d.; 14 lb., 3s. 3½d.; 7 lb., 3s. 5d. Powder is 2d. per lb. extra. The prices of AMMONIUM and SODIUM salts are unchanged and are ¾d. and 1½d. per lb. less, respectively, than the above rates. Carriage paid on 1-cwt. lots in the U.K. Schedule quantities may be made up of assorted salts down to 28 lb. Special terms for quantities. Containers: 1-cwt. cases or kegs are charged; 28-lb. parcels, free.

CHLOROFORM.—Current rates are as follows: 1-cwt. lots in Winchester quarts, 2s. 11d. per lb.; 56 lb., 2s. 11½d.

CINCHOPHEN.—Prices are from 35s. to 40s. per lb., according to quantity.

CITRATES.—Makers' prices are steady. **POTASSIUM**, in quantities of 28 lb.-1 cwt., is quoted per lb. as follows (containers in brackets): 3s. 8½d. (1-lb.); 3s. 7d. (4-lb.); 3s. 6d. (7-lb.); 3s. 5½d. (14-lb.); 3s. 4½d. (28-lb.). **FERRI ET AMMON. CIT.**, B.P., 4d. per lb. above. **SODIUM**, B.P., 3d. per lb. below; **POWDER**, 1d. per lb. extra.

CREOSOTE.—B.P. quality, ex beechwood, is quoted from 7s. 6d. per lb. upwards.

CRESOL.—Controlled price of B.P. quality from distillers is 4s. 6d. per gall., ex sellers' premises.

ICHTHAMMOL.—B.P. material is quoted in bulk at 4s. 3d. per lb., 28-lb. tins are priced at 4s. 9d., 14-lb., 5s. and 1-lb., 5s. 10d. per lb.

MAGNESIUM CARBONATE.—Prices of **LIGHT** in the home trade, in quantities between 28 lb. and 1 cwt., are from 1s. 1d. to 1s. 5d. per lb., according to pack. **HEAVY** is three-pence per lb. more than these prices.

MAGNESIUM OXIDE, LIGHT.—Prices for the home trade, for quantities between 28 lb. and 1 cwt. are from 2s. 9½d. to 3s. 1½d. per lb., according to pack.

MAGNESIUM TRISILICATE.—For quantities between 28 lb. and 1 cwt., prices for the home trade are from 3s. 8d. to 4s. per lb., according to pack.

MANDELIC ACID.—Current prices are as follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

METHYL SALICYLATE.—Current rates are as follows: Winchester quarts, 2s. 2½d. per lb.; 56 lb., in demijohns, 2s. 1d.; 1 cwt. in demijohns or carboys, 2s. 0½d.; 5 cwt., 2s. All prices are net.

METOL.—Bulk prices (net) per lb. are 17s. 6d. for 28-lb. lots and 16s. 6d. for 1-cwt. lots; other quantities in proportion. Packages free. Contracts: Minimum 5 cwt. over twelve months.

PAÑCREATIN.—Price of B.P. material is from 13s. 6d. upwards, as to quantity.

PARALDEHYDE.—Rates for B.P. material are as follows: 5 carboys, 1s. 5d. per lb.; 1 carboy, 1s. 6d.; 24 Winchester quarts, 1s. 7½d.; 17, 1s. 8½d.; 6, 1s. 10d.; 3, 1s. 11d. per lb.

PHENACETIN.—In limited supply. Small quantities would be worth 4s. 6d. per lb.

PHENAZONE.—In short supply. Quotations are from 20s. to 25s. per lb., as to quantity.

STROPHANTHIN.—Makers' quotations for B.P. is 14s. per gm., and for **OUABAIN** (**STROPHANTHIN K**), 8s. 6d. per gm.

THYROXINE-SODIUM.—Makers' prices per gm. are as follows: 1 gm., 50s.; 10 gm., 45s.; 100 gm., 40 s.

Crude Drugs

AGAR.—Japanese strip in original packages is quoted at 18s. 8d. per lb. plus 28s. 6d. per bale of 100 lb.

ALOES.—Curacao, on the spot, is quoted at prices from 240s. per cwt.; forward quotations, from 215s. to 220s., c.i.f. Socotrine, on the spot, is steady at 150s. to 190s. per cwt., according to quality. Cape, in boxes, for shipment, is quoted at 175s. to 177s. 6d., c.i.f.; spot would be worth 195s. to 200s.

AMMONIACUM.—Tears, on the spot, are quoted at 2s. per lb.

ANISE (STAR).—Spot quotations are steady at 140s. per cwt., duty paid; forward, 100s., c.i.f.

ARECA NUTS.—Quiet. Ceylon is steady at 65s. to 67s. 6d. per cwt., according to holder.

ASAFFETIDA.—Good block material, spot, is quoted at £25 to £28 per cwt., according to quality and seller.

BALSAMS.—*Canada*, on the spot, is rather scarce at 15s. per lb.; *Parà Copaiba*, on the spot, is quoted at from 8s. 3d. to 8s. 6d. per lb., according to seller, for soluble, and 7s. 3d. per lb. for insoluble. *Peru* is at 7s. 6d. per lb., duty paid. *Tolu* is available at 18s. per lb., spot.

BAY LEAVES.—Leaves without stems are offered on the spot at 95s. per cwt.

BENZOIN.—Spot quotations for Sumatra are unchanged at from £17 10s. to £24 per cwt., according to quality.

BUCHU.—New-crop short rounds are steady at 4s. 3d. per lb., spot; shipment, 4s., c.i.f.

CAMPHOR.—Steady. Chinese tablets (¼-oz.), quoted at 11s. 3d. to 11s. 6d. per lb., spot; refined powder (B.P.), 11s.; Formosa crude (B.B.) 10s. 3d.; 2½-lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid.

CANTHARIDES.—Chinese is offered at 15s. per lb., spot.

CAPSIUMS.—East African is steady at 120s. to 140s. per cwt., according to quality.

CARDAMOMS.—Quiet and steady. Mangalore, half-bleached, A's, are quoted at 8s. 9d. per lb.; B's, 8s. 3d. per lb.; seeds, 7s. 9d., spot. Aleppy seeds, No. 1, is at 8s. per lb.; Aleppy greens, 7s. per lb., spot.

CASCARA SAGRADA.—Quotations for 1946 peel are from 275s. to 280s., duty paid; American new-crop, for shipment, 200s. to 210s., c.i.f., duty paid.

CASCARILLA.—Little interest is shown; prices are steady at 1s. 10d. per lb. for quills and 1s. 6d. for siftings.

CHILLIES.—Mombasa, quoted at 165s. per cwt., spot; Nigerian, 135s. to 140s.; Japanese-type, 190s. to 200s.

CINNAMON.—Quillings are easier at 2s. 4d. to 2s. 6d. per lb., spot; featherings, 1s. 9d. to 2s.; chips, 1s. 2d. to 1s. 4d.

CLOVES.—Zanzibar are quoted at 9½d. to

10d. per lb., spot. Penang are offered at 3s. to 3s. 6d. per lb.

COCHINEAL.—Silver greys quoted at 4s. 3d. to 4s. 6d. per lb., spot; blacks are quoted at 5s. 6d. per lb.

COCOA BUTTER.—Maximum controlled price is 2s. 11d. per lb. delivered.

COLOCYNTH.—Fine-white is offered at 2s. and medium-white at 1s. 10½d. per lb., spot.

DIGITALIS.—Portuguese is steady at 130s. per cwt., spot; English-grown, 2s. 6d. per lb.

ERGO.—Spot quotations are at 5s. per lb.; forward, 4s. 6d., c.i.f.

EUPHORBUM.—Spot quotations are in the region of 80s. per cwt.

GAMBOGE.—Siam pipe, scarce on the spot, is quoted at £65 per cwt.; shipment, £40, c.i.f.

GINGER.—Easier. Jamaica No. 1 is quoted at 117s. 6d. per cwt. spot; No. 2, 102s. 6d.; No. 3, 97s. 6d. Sierra Leone is quoted at 65s. to 67s. 6d., spot.

GUM ACACIA.—Quotations for Kordofan cleaned sorts are at 72s. 6d. per cwt., spot; shipment, 66s., c.i.f. Bleached No. 1 is quoted at 145s., ex store. Talha is quoted at 41s. per cwt., spot; forward, 37s. 6d., c.i.f.

HYDRASTIS.—Spot quotations are maintained at 60s. per lb.

IPECACUANHA.—Nicaraguan root is quoted at 28s. per lb. for spot; shipment is at 22s. 6d., c.i.f.

KARAYA.—No. 1 gum is quoted at 215s. to 220s. per cwt., spot; No. 2, 170s.

KOLA NUTS.—Steady. African quarters are quoted at 7½d. per lb.; African halves, 5d. to 6d., according to quality; Jamaican washed halves, 5½d. per lb.

LOBELIA.—Spot quotations are maintained at 6s. per lb.

LANOLIN.—Supplies are still very difficult, current quotations for B.P. quality are in the region of £105 per ton for the ANHYDROUS and £101 for the HYDROUS material, delivered to buyers' premises.

MACE.—West Indian pale, spot, is quoted at 7s. to 7s. 6d. per lb.

MENTHOL.—Brazil is quoted at 45s. to 46s. per lb., duty paid, according to holder; forward, 39s. to 40s., c.i.f. Chinese is quoted at 50s. to 52s. 6d., duty paid; no forward offers are forthcoming.

MERCURY.—Spot quotations are at £17 3s. 6d. per flask ex warehouse; for shipment £16 12s. 6d., c.i.f.

MYRRH.—Aden sorts is quoted at £14 to £15 10s. per cwt., according to quality; siftings, £8 to £10 per cwt.

NUTMEGS.—West Indian 80's are quoted at 3s. 3d., spot.

QUASSIA.—Chips for shipment June-July, quoted at 34s. per cwt., c.i.f.; September-October shipment is quoted at 32s., c.i.f.; spot, difficult to find, 40s. to 45s. per cwt.

RHUBARB.—Spot quotations for Chinese rough round with a fair to good fracture are from 6s. to 8s. per lb.; forward, from 5s. to 7s., c.i.f. French rhapontic is quoted at 2s. per lb., spot.

SEEDS.—Reports show that more interest has been shown in this market during the past week. **ANISE.**—Cyprus, 2s. 3d. per lb., spot, London. **CARAWAY.**—Dutch offered at 1s. 3d. per lb., duty paid, spot, London. **CELERY.**—Indian, quoted at 1s. 5d. per lb., spot, London or Liverpool. **CORIANDER.**—Spot, Morocco has been offered as low as 7s. 6d. per cwt., duty paid; Argentine quoted at 50s. per cwt., duty paid, in Liverpool; English, nominal, 70s. to 75s. **CUMIN.**—Spot, Morocco, 237s. 6d. per cwt., duty paid, ex wharf London; Indian, 235s. per cwt., ex Liverpool or Hull; Cyprus, 235s. per cwt. in London. **DILL.**—Indian is 43s. 6d., spot London and 40s. per cwt., spot Liverpool. **FENNEL.**—Indian, quoted 100s. to 105s. per cwt., spot, London. **97s. 6d. per cwt. in Liverpool.** **FENUGREEK.**—Indian is 45s. per cwt., spot London and 43s. per cwt., ex store Liverpool.

SENEGA.—Old-crop material is quoted at 12s. to 12s. 6d. per lb., spot. U.S. new-crop, for shipment, is quoted at 11s. to 11s. 6d., c.i.f.

SHELLAC.—F.O.T.N. pure is easier at 280s. per cwt., ex warehouse London; F.O. Standard No. 1 is quoted at 290s.; lemon No. 1 is at 345s.; lemon No. 2, 325s.; A.C. Garnet, 40s. nominal; buttonlac, 340s.

WAXES.—Dar-es-Salaam BEES' is steady at 360s. per cwt., spot; shipment is at 345s., c.i.f. Lindi, spot, is quoted at 350s.; forward, 340s., c.i.f. Shipment quotation for Benguela is at 310s., c.i.f. **CANDELILLA.**—Easier. Spot is quoted at 420s. per cwt.; forward, 405s., c.i.f. **CARNAUBA.**—Fatty, spot, is quoted at 700s. per cwt.; shipment, 625s., c.i.f. Prime yellow is quoted at 875s., spot, shipment, 760s., c.i.f. Medium yellow, spot, 820s.; shipment, 700s., c.i.f. **MONTAN.**—Reibek is steady at 390s. per cwt., spot. Czechoslovak crude is quoted at 335s., spot. **OURICURI.**—5 per cent. for shipment, 350s. per cwt., c.i.f.; 7 per cent., spot, 450s.; 2 per cent. is quoted forward 380s., c.i.f.; 2.2 per cent., spot, 480s.

Essential and Expressed Oils

ALMOND.—B.P. sweet is firmly held at 8s. to 9s. per lb., according to quantity.

CINNAMON LEAF.—Quotations are at from 11s. 6d. to 13s. 6d. per lb., according to quantity.

CITRONELLA.—Ceylon, on the spot, is available at prices from 7s. to 8s. per lb.

LAVERDER.—French (38 to 40 per cent. esters) is quoted at 47s. 6d. to 55s. per lb. Spanish (spike) is quoted at 11s. 6d. to 12s. 6d. per lb., spot.

LEMONGRASS.—Cochin is quoted at from 8s. to 10s. per lb., spot.

SASSAFRAS.—Brazil is quoted at 5s. 6d. to 6s. per lb., spot.

TRINIDAD LEMONGRASS OIL

WITH a view to the development of an industry in Trinidad, trials have been undertaken in the cultivation of lemongrass, and satisfactory yields of oil have been obtained. Cosgrove and Islip ("Bulletin of the Imperial Institute," 44.4.290) have published the results of their chemical examinations of samples of the oil, and have also given the reports of essential oil importers and oil distillers to whom samples were submitted. The oil, after filtration through paper, was clear but very dark in colour, and tests showed it to be similar to soluble East Indian or Cochin oil. Testing for aldehydes (as citral), using the hydroxylamine method, gave the very high value of 82.8 per cent., compared with 70 to 85 per cent. and 53 to 83 per cent. for commercial East Indian and West Indian oils, respectively. Because of its solubility in 70 per cent. alcohol, the authors state that it would be suitable for direct use in perfumery, though the dark colour might be a disadvantage, and the high citral content rendered the oil particularly suitable for the isolation of that aldehyde for the manufacture of ionones. The oil should be able to compete with Cochin lemongrass even in a normal market. In view of the satisfactory report, efforts are being made to extend the cultivation of lemongrass in Trinidad, and a suggestion has been put forward that the peasants should be encouraged to grow the grass in otherwise wasted corners and sell their produce to a central buying agency.

SEYCHELLES CINNAMON OIL

THAT commercial Seychelles cinnamon oil is below the standard for Ceylon oil is shown in a report by Cosgrove and Islip ("Bulletin of the Imperial Institute," 44.4.287), who have examined a sample of the former oil. The Ceylon oil, with a lower eugenol content, is said to have a more pleasing odour than that of the Seychelles product. A quantity of Seychelles cinnamon oil was distilled in steam in order to determine whether it was possible to obtain a fraction, or mixture of fractions, more closely resembling the Ceylon oil. Ten fractions were collected at thirty-minute intervals and each was filtered through paper. The fractions of oil were clear and of a brownish colour; the odour was characteristic of the oil, but the first four fractions to be collected were milder and less clove-like. Optical rotation of the

fractions showed that the first two to be collected were closest to the values given by Ceylon oil. Commercial firms, to whom the samples were submitted, were of the opinion that, although the oil was a satisfactory source of eugenol, even the best fractions were unsatisfactory as a substitute for the Ceylon oil, the characteristic odour of which was not entirely due to the percentage of cinnamic aldehyde and lower eugenol content. Seychelles cinnamon leaf oil output in 1939 was about 67 tons, mostly exported to the United States for the production of vanillin.

U.S. CHEMICAL EXPORTS

THE current rate of U.S. exports of chemicals and related products as well as certain raw materials and natural products commonly associated with the chemical industry amounts to a total of \$183 million per quarter—three-and-a-half times the 1939 average quarterly figure of \$49 million and 28 per cent. higher than 1946, according to official statistics. It is pointed out, however, that, owing to price increases, the increase over 1946 does not represent a corresponding increase in tonnage. Coal tar products are currently being exported at the quarterly rate of \$25,600,000, which is seven times the 1939 level and 62 per cent. above the 1946 figure. Dyes account for the bulk of coal tar exports, while shortages of benzene and phenol are holding back further increases in the overall export value of these materials.

Industrial chemicals are currently being exported at a three-monthly rate of \$27,500,000, which is 34 per cent. higher than the 1946 quarterly average and three times the 1939 figure. Certain prominent inorganic chemicals are being shipped overseas at much reduced rates, however; current exports of soda ash are only 18 million lb. quarterly, compared with 33 million in 1945 and 40 million in 1939. Similarly, caustic soda exports at the present time are at the rate of only 38 million lb., compared with 65 million in 1939; there is a 26 per cent. improvement on the 1946 level.

Brazil is the chief South American recipient of U.S. chemicals, having received imports valued at \$26 million in 1946, or six times the pre-war value. In Europe, France took the United Kingdom's pre-war position as chief importer of U.S. chemicals, receiving goods to the value of \$24 million, compared with only about \$5 million in 1939. U.K. imports were only about \$1 million up on the pre-war figure.

TRADE MARKS

(From "The Trade Marks Journal," June 4)

- "**ABRACADABRA**"; for perfumes, toilet preparations (not medicated), cosmetic preparations and soap (3). By Parfums Lucien Lelong, 13 Rue Alphonse-de-Neuville, Paris, France. 646,812.
- "**VIBRILLA**"; for perfumes, toilet preparations (not medicated), cosmetic preparations, dentifrices, depilatory preparations, toilet articles (not included in other Classes), sachets for use in waving the hair, soaps and essential oils (3). By F. W. Hampshire & Co., Ltd., Sunnysdale Works, Sinfen Lane, Derby. 646,933.
- "**NOSTALGIA**"; for perfumes, toilet preparations (not medicated), cosmetic preparations, dentifrices, depilatory preparations, toilet articles (not included in other Classes), sachets for use in waving the hair, soaps and essential oils (3). By Chemicals and Essential Oils, Ltd., Astor House, 95 Aldwych, London, W.C.2. 647,006
- "**ASPALGIN**" and "**PYRASTABIN**"; for pharmaceutical preparations and substances (5). By Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2. 643,535 (Associated).
- "**MASTIVAC**"; for veterinary preparations (5). By Chapman & Son (Grimsby), Ltd., 342 Victoria Street, Grimsby. 644,421.
- "**HALIDERM**"; for pharmaceutical preparations for the treatment of the skin (5). By the Crookes Laboratories, Ltd., Gorst Road, Park Royal, London, N.W.10. B645,491 (Associated).
- "**BRISLAB**"; for all goods (5). By Bristol Laboratories, Inc., 401 West Taylor Street, Syracuse, New York, U.S.A. 647,577.
- "**KODENO**"; for analgesic tablets (5). By the English Pharmaceutical Co., Ltd., 1 Queen Victoria Street, London, E.C.4. B655,242.
- "**EKAMMON**"; for pharmaceutical preparations and substances (5). By Ward, Blenkinsop & Co., Ltd., 6 Henrietta Place, London, W.1. 658,382.
- "**ENDURA**"; for hair-waving appliances (not being machines or pins) (8). By Endura (England), Ltd., 51 Portland Road, Kingston-on-Thames, Surrey. 644,792 (Associated).
- "**ACRILATONE**"; for artificial dentures and parts thereof included in this Class, all of acrylic-resin plastics (10). By Gregory Bros., Crossways, South Hill Lane, Eastcote, Pinner, Middlesex. B646,487.
- "**COURTIER**"; for combs, brushes (included in this Class) and small domestic utensils and containers (not of precious metal or coated therewith) (21). By Courtier Co., Ltd., 19 Lansdowne Road, Croydon. 647,198.
- "**PERMALETTE**"; for hair curlers and hair clamps (not being parts of machines), all for use in hair waving by attachment to the hair (26). By The Permal Laboratories, Ltd., Salisbury House, Park Road, Hull, Yorks. 647,261.
- APPLICATIONS AMENDED AFTER ADVERTISEMENT
Specification No. 637,362 by Godfrey Thornfield, should be altered so as to read "Pharmaceutical preparations and substances, none containing chlorodyne or chlorine."
- Specification No. 643,195 by Finlay & Co., Ltd., should be altered so as to read "Toilet articles included in Class 3, but not including hair dyes, soaps, shampoos or shaving cream and not including any goods of the same description as any of these excluded goods."

(From "The Trade Marks Journal," June 11)

- "**GEIGY**" and "**D.D.T.**" in benzene-ring diagram linked with a design in which the letter "**D.D.T.**" are superimposed on the trade mark "**Geigy**" (letters "**D.D.T.**" disclaimed); for dichlorodiphenyltrichlorethane for use in manfactures (1). By J. R. Geigy Société Anonyme, 215 Schwarzdaldee, Basle, 16, Switzerland. B636,750 (Associated).
- "**CUPRODINE**"; for chemical compositions containing copper for use in industry in the treatment of metals (1). By American Chemical Paint Co., Brookside Avenue, Ambler, Pennsylvania, U.S.A. 643,149.
- "**ELEPHANT BRAND**" and device of elephant; for chemical fertilisers (1). By The Consolidate Mining & Smelting Company of Canada, Ltd. 215 St. James Street West, Montreal, Quebec, Canada. 646,624 (Associated).
- "**DJEDI**", "**FOL AROME**" and "**VISAGE DE NŒE**" for toilet preparations (not medicated), cosmetic preparations, perfumes, perfumed soaps, preparations for the teeth and hair (3). By Guerlain, Ltd., corner of Aintree and Frazee Roads, Perivale, Middlesex. 643,383.
- "**SMAILCOL**"; for cleaning preparations (not for use in the course of manufacture) (3). By Smal Sons & Co., Ltd., 62 Robertson Street, Glasgow C.2. 645,193.
- "**FLOID HAUGROLIZADO**" (word "**Floid**" disclaimed) and "**HANGROQUINA FLOID**"; for toile preparations (not medicated), cosmetic preparations, perfumes and perfumed soap (3). By Haugron Cientifical, S.A., Rocafort, num. 109, Barcelona, Spain. 645,068 (Associated).
- "**DORIL**"; for washing powder (3). By Stuart Products, 48 Park Mount, Harpenden, Herts. B645,893.

COMING EVENTS

Wednesday, July 2

CAMBRIDGE BRANCH, PHARMACEUTICAL SOCIETY, Lion Hotel, Petty Cury, Cambridge, at 7.45 p.m. Annual meeting. Mr. A. L. Bacharach (Glaxo Laboratories, Ltd.), on "Standardisation of Laboratory Animals."

Thursday, July 3

DUNDEE AND EAST AND CENTRAL SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Cafe Val d'Or, Dundee, at 7.45 p.m. Dinner in honour of Dr. David McCall. Informal dress. Tickets (15s. each) from Miss Elizabeth Fyfe, 140 Albert Street, Dundee.

CAMBRIDGE BRANCH, PHARMACEUTICAL SOCIETY, is arranging a second visit to the Welwyn Garden City premises of Roche Products, Ltd., on Thursday, July 10, leaving Drummer Street, Cambridge, at 1.45 p.m. Applications for coach seats should be sent to Mr. H. B. Coulson, 71 Bridge Street, Cambridge.

MANCHESTER PHARMACEUTICAL ASSOCIATION is holding a picnic at Chester on Wednesday, July 30, buses leaving Aytoun Street, off Piccadilly, Manchester, at 2 p.m. Programme includes cricket match with Chester Branch of the Pharmaceutical Society, motor launch trips, and tea. Tickets (17s. 6d. each) may be obtained from Mr. W. Wilkinson, 238 Bolton Road, Salford, or Mr. T. Miller, 3 Wyngate Road, Hale.

BAYER PRODUCTS NOW IN DEMAND

'ADALIN'

Reliable sedative and mild hypnotic of notably low toxicity.

'BETAXAN'

"Bayer" synthetic vitamin B₁. Tablet prices have recently been reduced.

'DOLANTAL'

"Bayer" pethidine hydrochloride. Analgesic and spasmolytic. (D.D.A.)

'ELITYRAN'

Full-gland thyroid extract with high iodine content. Well tolerated.

'EVIDORM'

Rapid-acting medium hypnotic. 'Evipan' plus 'Phanodorm.' (1st Schedule.)

'FRANOL'

For symptomatic relief of allergic asthma. (1st Schedule.)

'THEOMINAL'

For hypertension. 'Luminal' plus theobromine. (1st Schedule.)

Packings and prices are shown in Price List dated Nov., 1946.

(New prices for 'Betaxan' tablets supplied on request.)

All the Proprietary Names quoted are Trade Marks.

BAYER PRODUCTS LTD., AFRICA HOUSE, KINGSWAY, LONDON, W.C.2

Bush Beach & Gent Ltd

BRITISH MANUFACTURED

POTASSIUM SULPHATE

(Commercial and B.P.C.)

COMMERCIAL GRADE 94/95% —**Practically White**

Available for prompt and early forward delivery.

B.P.C. GRADE

Available for the moment in restricted quantities only. There are priority requirements.

ENQUIRIES INVITED**MARLOW HOUSE, LLOYD'S AVENUE, E.C.3**

Telephones: ROYAL 7077/8/9

Telegrams: Beafredma, Fen, London

Codes: A.B.C. 5th & 6th, Bentley's, Liebers.

Private, Western Union 5 letter edition, Rudolf Mosse.

**STEADWOOD PRODUCTIONS**

The largest and most up-to-date range in Great Britain of stock Toilet labels. Modern designs covering every requirement. Available in quantities from 100. Special labels created and designed to meet customers' requirements. Samples 9d., Full range 2/6d.

Wood's
OF CLECKHEATON

T. Wood & Son (Cleckheaton), Ltd. Syke Works, Cleckheaton. Grams: Phone: Cleckheaton 86 LONDON: 12 Little Newport St., Leicester Square, W.C.2 (rear of Hippodrome). Phone: Gerrard 1793. LEEDS: 45-46, Commercial Street (Mitre Entrance)

Phenolphthalein, Phenacetin, Caustic Soda, Soda Ash, Sodium Bicarbonate BP required in substantial quantities.

Top Market prices paid.

174/873 C. & D. Office.

All types of High Class machinery for fine chemical, cosmetic and similar trades. Including laboratory equipment.

REED BROS. (Engineering) LTD.,

Bevis Marks House, London, E.C.3.

Telephone: AVenue 1677-8

F. GUTKIND & Co. LTD.
82 KING WILLIAM STREET, E.C.4

ALMOND OIL, Sweet, B.P.
LIQUORICE JUICE blocks.

ROSEMARY OIL.**CADE OIL.**

Enquiries invited

Tel.: Mansion House 4287/8 'Grams: Gutkind, Cannon, London.

REFINED CHINESE

CAMPHORTABLETS $\frac{1}{2}$ oz. and $\frac{1}{4}$ oz.

SLABS AND POWDER

MENTHOL, ESSENTIAL OILS**GUMS, WAXES, DRUGS****SHELLAC, CHEMICALS****ERNEST M. SINGER****5 WHITTINGTON AVENUE, E.C.3**

TEL: MAN. 6040 & 6666

IMPORT — EXPORT

Quinine and Phosphorus Tonic

We can now resume deliveries
of this popular Tonic, and accept
a few new customers

Children's Cough Balsam

'Contenta' Gripe Mixture

Children's Tonic

containing
Glycerophosphates and Hæmoglobin
(Builder and Toner)

Blackwell Hayes & Co. Ltd

WHOLESALE PHARMACISTS

54-58 Moor Street - Birmingham - 4

**FOR
BARKS
ROOTS
HERBS & GUMS**

**WHOLE
CUT
or POWDERED**

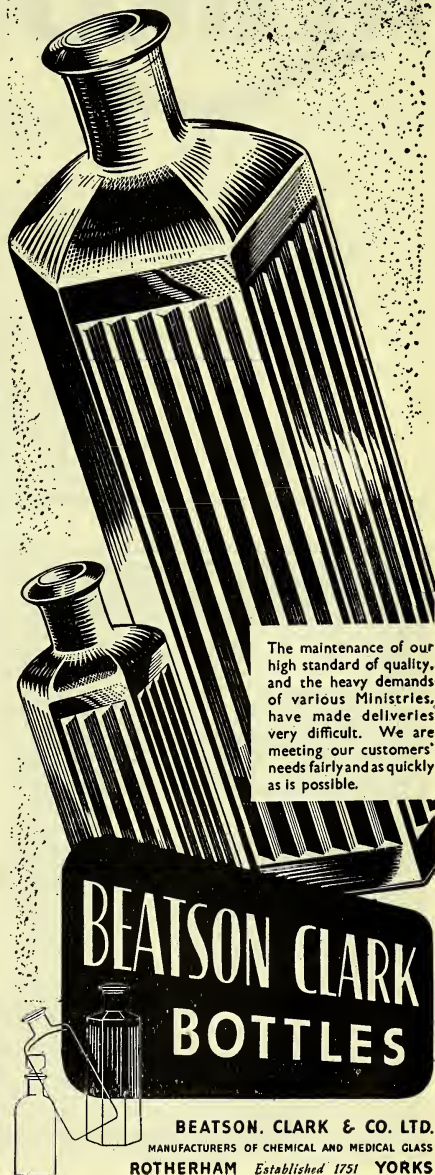
**TRY—
BROME & SCHIMMER**

WHOLESALE DRUGGISTS
BOTANICAL DRUG IMPORTERS
AND SPICE MERCHANTS

4 LEATHER MARKET, LONDON, S.E.1

Tel: HOP 0825-6-7 Cables: Bomshim, London
Telegrams: Bomshim, Sedist, London

Specialists in Crude Drugs



The maintenance of our high standard of quality, and the heavy demands of various Ministries, have made deliveries very difficult. We are meeting our customers' needs fairly and as quickly as is possible.

**BEATSON CLARK
BOTTLES**

BEATSON, CLARK & CO. LTD.
MANUFACTURERS OF CHEMICAL AND MEDICAL GLASS
ROTHERHAM Established 1751 YORKS

ALBRO FILLING MACHINES

Fill the Nation's needs . . .

Albro Filling Machines range from simple gravity machines, requiring no power whatever, to vacuum operated fillers for powders, fluids, emulsions and semi-solids, with capacities up to 900 gallons per hour. Whatever the filling job — Ointments, Perfumes (into sprinkler neck bottles), Talcum and Face Powders, Health Salts, Stomach Powder, Insecticides, etc. — there's an Albro Machine to fill cleanly, efficiently, rapidly, with only the attention of junior unskilled labour. Albro Engineers are always at your service — installations to suit any product, any output.

There's an ALBRO Machine for every filling need

ALBRO FILLERS & ENGINEERING CO. LTD.
NORTHAMPTON WORKS, WATSON'S ROAD, WOOD GREEN, LONDON, N.22
Telephone: Bowes Park 2217-2218.

SALTER

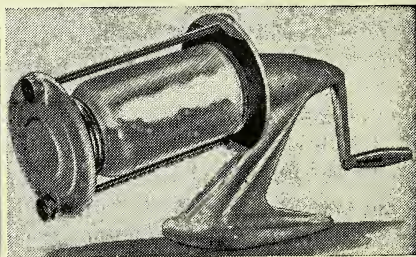
Self-Indicating
Personal & Baby
SCALES



Now sold by licence for essential use
Details on request

GEO. SALTER & CO. LTD.,
WEST BROMWICH

NEW to the last nut !



'Umix'

This Fine little mixer sets a new standard in the production of high-grade blended powders. An invaluable asset to busy dispensing chemists and laboratories. Write for descriptive bulletin A.59.

PRICE **£4 19 0** FOR EARLY DELIVERY

Another product of

THE BOYD-NORMAN MFG. CORP.
Norwich House, Southampton Place, London,
HOL. 5395 W.C.I. 'Norfacto' Westcent

"National" Dispensing Bottles

are Strong, Serviceable and Sure-selling

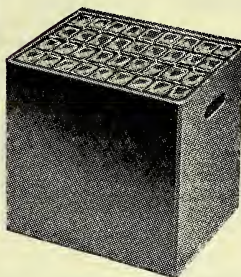
NEATLY PACKED IN 6 DOZEN
RETURNABLE CARTONS

- ★ CONVENIENT IN SIZE
- ★ EASY TO HANDLE
- ★ UNIFORM IN QUALITY

SCREW CAPS SUPPLIED IN
WHITE-ENAMELLED METAL



A "NATIONAL" Production



Vials

of "NATIONAL" quality

Ranging in size $\frac{1}{2}$ oz. up to 3 oz.
Plain or teaspoon graduations
Medium and tall types.

MANUFACTURED IN BEST QUALITY
WHITE FLINT, AND PACKED IN
RETURNABLE CARTONS



Restrictions outside our control may
not allow us to meet every requirement

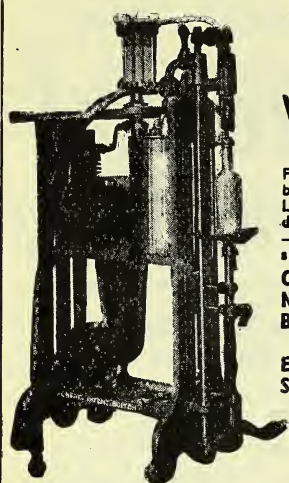
National Glass Works (York) Ltd.

Works: FISHERGATE, YORK
Telephone: York 3021

London Office: 105 HATTON GARDEN, E.C.1

Telephone: Holborn 2146

WHOLESALE ONLY



ROBERTS' PATENT "LEO" VACUUM FILLER

Fill all sizes of bottles with Liquids from drachm to quart—long, short or sprinkler neck.

**Clean & Rapid
No Over Filling
Broken Bottles
Rejected
Easy to clean
Self Rinsing**

Write for
Particulars

**Roberts' Patent Filling Machine Co. Ltd.
BOLTON, LANCASHIRE**

Makers of every description of Bottle Filling and Shallow Jar and Tin Filling Machine for the Chemists' use

ALL RIGHTS RESERVED

The EKEM Filling Machine for

LOTIONS
EMULSIONS
OILS
FROTHING LIQUIDS

FULL DETAILS
ON REQUEST

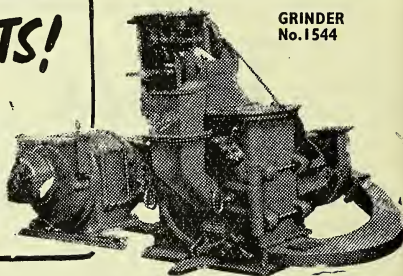
EKEM ENGINEERING LTD.
11, ANDOVER PLACE, MAIDA VALE, LONDON, N.W.6.
Telephone: MAIDA Vale 2867

TAYLOR 1449

CALL IN THE EXPERTS!

The best way to ensure satisfaction in grinding is to call in the experts—Porteus. Not only do they know what exactly is required, but they can and do invariably advise on the best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now?

GEORGE PORTEUS & Sons (Leeds) Ltd.
LEEDS BRIDGE WORKS, LEEDS 10



GRINDER
No. 1544

G.P.7a

TEL.: CANONBURY 3401

BUCKLEY BOWKER TABLET CO. LTD. PARKFIELD STREET, LONDON, N.1

OVER 40 YEARS PRACTICAL EXPERIENCE

COMPRESSED TABLETS EVERY KIND (BULK or PACKED)

PRIVATE FORMULAS COMPOUNDED BY EXPERTS (Strictest Secrecy Guaranteed)

We have specialised
for many years in—

CONTRACEPTIVES (Special Formulas), TABLETS and JELLIES



LAMB'S WOOL

FOR
CHIROPODY
AND OTHER USES

$\frac{1}{2}$ oz. - - 3/9 doz. 2 oz. - - 12/- doz.
1 oz. - - 6/9 doz. 4 oz. - - 22/6 doz.

Attractively packed in carton with transparent paper wrapping

WHOLESALE TERMS ON APPLICATION

All prices subject to 33 $\frac{1}{3}$ % Purchase Tax

MACDONALD & SON LTD.
DAWSON STREET, SALFORD, MANCHESTER, 3.

**DE
DL**
on your toes

-ready to meet
the growing demand
for the exclusive
foot preparations
now being advertised
to the public
under the name

Navano

Manufactured by
NAVANO PREPARATIONS LTD.
9, WESTMORLAND AVE., BLACKPOOL.

SURQUALET

TRADE MARK

THE NEW ELECTRIC STERILIZER

Makes the Steriliza-
tion and Assembly
of Syringes Safe and
Foolproof.

PRICE
£5 - 15 - 0

Working Capacity
1 Pint.... Boils
in 10 Minutes.
Overall
Dimen-
sions 8 $\frac{1}{2}$ "
High and
4 $\frac{1}{2}$ " Dia-
meter of
Base.



SURGICAL EQUIPMENT SUPPLIES LTD
WESTFIELDS ROAD, LONDON, W.3
Name of Local Dealers on request

HAPPY RETURN
to
PRE-WAR quality

DUNLOP
HOT WATER BOTTLES

Demand still outstrips supply and you may not therefore be able to buy all the Dunlop bottles you can sell—DUNLOP RUBBER CO. LTD., Cambridge Street, Manchester.

47G/SG1

Just out!

A NEW, MODERN

SOLUBLE TOWEL

Designed to give maximum efficiency and comfort, packed with scrupulous cleanliness and care—women will vote high marks for this new Velvet product.

Obtainable through all wholesalers.

RETAIL AT 1/9 A PACKET

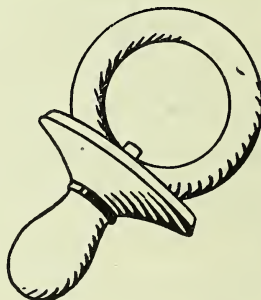
13/5 PER DOZ. PKTS. TO WHOLESALE TRADE

15/9 PER DOZ. PACKETS TO RETAIL TRADE

VELENA

Manufactured by
Velvet Crepe Paper Co. Ltd., Alperton, Middx.

A VELVET PRODUCT · A VELVET PRODUCT · A VELVET PRODUCT · A VELVET PRODUCT



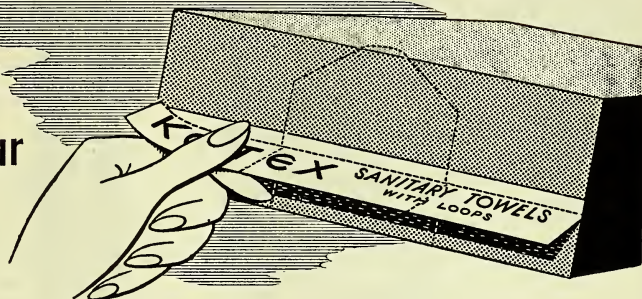
BABY SOOTHERS

Manufacturers :—

ESCO (RUBBER) LTD.
99 Kingsland High Street
LONDON, E.8

Cables : SHUPAX, LONDON

To save your
wrapping
problems . . .



.... tear off perforated strip

For your convenience, Kotex has decided to revert temporarily to the plain pack with "tear-off" strip. Simply remove the strip and the plain pack is ready. Limited quantities are available for the wholesale trade.

KOTEX SANITARY TOWELS
WITH LOOPS

Cellucotton Products Ltd., 33/34 Aylmer Parade,
London, N.2.

TOILET, PERFUMERY & PHARMACEUTICAL

— BOTTLES —

FOR THE
HOME TRADE
as well as for EXPORT

Obtainable from
CONSOLIDATED GLASS LIMITED
47 Essex Street, Strand, London, W.C.2
Telephone: CENTRAL 7311 (3 lines)

FOR BETTER SALES



Blade Makers **THOMAS WARD & SONS, LTD.**
Wardonia Works Sheffield, I.

**SUPREME
BRANNAN
ACCURACY**



THERMOMETERS
Clinical Household Industrial etc

MADE IN ENGLAND BY
S. BRANNAN & SONS
LTD
London and Cumberland

EXPORT BRANCH
LYALL WILLIS & CO. LTD
52 BAKER STREET
LONDON W.1.



**Display
and
sell**

Steadily increasing demands for Tampax are now being met by the improved supply position. This inevitably means increased sales for *you*—sales which can be helped by displaying Tampax prominently in your window and on your counter, for where women see, they buy. We shall be happy to send you on request either or both of the attractive sales aids shown above.

TAMPAX
REGISTERED TRADE MARK

Packets of 10: TRADE 15/9 doz. RETAIL 1/9 Packet.
Distributed through leading wholesalers

TAMPAX LIMITED

Sales Office: 110 Jermyn Street, London, S.W.1
Telephone: Whitehall 8696/7

THE
"MATER"
CLINICAL REGD.
The position of the Mercury column is at once perfectly plain. Red markings above 00.4

**ALL TYPES OF
CLINICAL
AND OTHER
THERMOMETERS**

PERKEN, SON & CO. LTD.
(ESTABLISHED 1852)
8 HATTON GARDEN
LONDON, E.C.1
Telephone: 0724 Holborn
Telegrams:
"Optimus, Smith, London"
Wholesale Agents for Clinical
Thermometers:
FASSETT & JOHNSON, LTD.
86 Clerkenwell Rd. London, E.C.1

*Always Clean
Powder Puff*

11/6
per dozen
+ 100% P.Tax



EMSA WORKS

and

HERBERT FOOT APPLIANCE
LTD

BLACKBURN
LANCS

*Over 100 years of plaister making
experience behind—*



Also



TRADE MARK
EST. 1826

WILMATH REGD.
ADHESIVES AND POROUS

**CROCUS CORN
COMFORT** (REGISTERED DESIGN)

WILLIAM MATHER LTD DYER STREET CHESTER RD MANCHESTER 15
Telephone BLAckfriars 6168

Telegrams "Balsamic Manchester"

Here's a Winner for Chemists

BLONTONE

POWDER

HAIR BLEACH

Easy
to use

Harmless to
the Hair



with special application comb

COST 18/- Per dozen
Plus P.T.

Order **NOW** from :—

S. MAW SON & SONS LTD
BARNET, HERTS

Manufactured by LYONS & NEIL, WILLESDEN LANE, N.W.6

DON'T ORDER

TOMORROW

ORDER TO-DAY

YOUR

CLARENDON

MINTS
MEDICATED

RETAIL



54/- GROSS
Plus 16 2/3 P.T.

N.B. would customers
kindly note that we are
approximately 4 weeks
behind with deliveries

**ALL ORDERS ARE BEING DELIVERED
IN STRICT ROTATION**

Order from your usual Wholesaler or from
JOHNSON AGENCIES (Proprietaries) LTD
Clarendon Works, 32-40, North Street, HORSHAM, SUSSEX



Bunion Dressing

Evolved by a distinguished French physician expressly for the treatment of Bunions and enlarged toe joints, B.D. Bunion Dressing has behind it a long record of success in many European countries, where it is still widely sold under its original name of Baume Dalet.

B.D. Bunion Dressing is a specific of the highest value in the treatment of Bunions, being analgesic and anti-phlogistic. Sold in tubes, at 3s. 4½d. inclusive of tax.

Supplies from your usual Wholesaler, or direct from :

WILSONS CHEMICAL PRODUCTS LTD.
18 OLD TOWN - LONDON, S.W.4

MACaulay 3481



TRADE **Vaseline** MARK
BRAND

PETROLEUM JELLY

Owing to the greatly increased cost of both raw materials and packaging, etc., it has been found necessary—with the permission of the Central Price Regulation Committee—to re-introduce a smaller tin of “VASELINE” Brand Yellow Petroleum Jelly, which will be known as No. 1 size tin.

Retail Price 3d. (inc. P.T.).

List Price 24/- per gross, plus Purchase Tax at 16 $\frac{2}{3}$ %.

Our No. 2 size tin of “Vaseline” Brand Yellow Petroleum Jelly selling at 3 $\frac{1}{2}$ d. is being discontinued, but please continue to distribute any stocks you may have at this retail price.

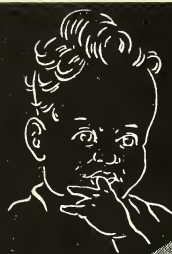
May we take this opportunity of reminding all our Retail friends that our limited production does not, as yet, enable us to accept orders direct between the visits of our representatives, and we would suggest that perhaps your Wholesaler may be able to help you with supplies—although, of course, his stocks are likewise affected by the continued shortages.

In this way, we are endeavouring to ensure a fair and equitable distribution of all available supplies.

Your continued sympathetic co-operation in not sending us orders by post for the time being will be of considerable help.

Thank you!

CHESEBROUGH MFG. CO., LTD., VICTORIA ROAD, WILLESDEN, N.W.10.



NEOLITE



Hand-made
Wire-drawn
A product of British
Craftsmen

NEOLITE *Hairbrushes* for the Nursery

The NEOLITE Babies' Brush with specially adapted, silky, synthetic bristle is hardwearing, easily washed and is available in a fascinatingly designed range of delightful crystal and pastel colourings.

BABIES' MODEL (illustrated) RETAIL 14/6 inc. tax. Also with hand-painted floral and nursery designs. The NEOLITE range also includes Children's Brush, Ladies', Gent's, Clothes, Bath and Complexion Brushes and Crystal Dressing Combs to match.

Luxuriously finished in jewelled plastic. A supreme example of modern elegance in toilet-ware.

UNIVERSAL BRUSH CO. LTD., LUTON, BEDS



The 1947 Lumicraft Sun Glasses are better than ever, and in order to make sure of adequate supplies early ordering is more than ever essential this year. The supply position is still difficult. Minimum orders of one dozen accepted for the home market. Particulars and prices on request.

LUMICRAFT SUN GLASSES

and Sun Glass
Cases

**EXPORT
ENQUIRIES
INVITED**

LUMINOS, LTD.

45 BELSIZE LANE, HAMPSTEAD, LONDON, N.W.3

Telephone ; Primrose 1652

HIGH CLASS SUN GLASSES

- British made
- Distinctive in appearance
- Light in weight

Nonodan
REGD. 615499

ASK YOUR
WHOLESALE
FOR DETAILS OF
STYLES, TERMS, ETC.

Or Apply to
LEWIS (Import & Export) Ltd.

232 Gt. Portland St., London,

Tel. Euston 8485

W.1

WALLS THAT KILL FLIES

... that's the modern method of dealing with fly-pests
... that's what you offer your customers when you sell
them Cooper's Flyspray. Because of its ample DDT
content, ONE light application of Cooper's to walls
and other fly-spots makes them lasting death-traps to
winged insects.

Note these facts about DDT —

DDT kills by contact. It is mainly a nerve poison.
DDT does not kill instantly. (A flyspray must
include other substances for quick "knock-down"
and quick kill.)

DDT remains deadly to insects for a long time.
A flyspray containing an adequate concentration of
DDT will also have this lasting action.)

Cooper's Flyspray not only gives quick "knock-
down" and positive kill to insects on the wing, but
its ample percentage of DDT ensures that sprayed
surfaces remain fatal for at least 4 to 6 weeks to all
winged insects alighting on them: until, in fact, the
invisible film of DDT is worn or washed off.

Cooper's Flyspray and other high quality Anti-
Pest Products are made by the original British
processors of DDT insecticides. They are being
widely advertised in the National press.



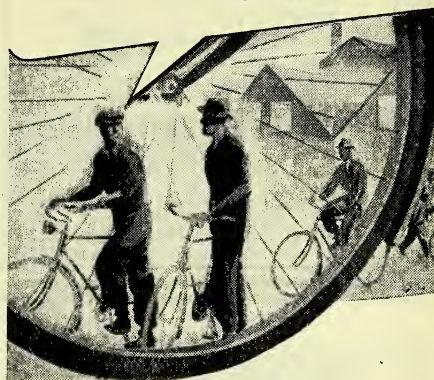
COOPER'S ANTI-PEST PRODUCTS

Cooper's Flyspray, Household Insecticide, Moth Spray
and Moth Powder, Bin Powder, Pulver.
Display material is available in limited quantities to
Cooper stockists. Write for 1947 Trade List and order
early from your wholesaler or direct.

Cooper, McDougall & Robertson, Ltd., Berkhamsted, Herts.

I COULDN'T SAVE REGULARLY
—UNTIL THEY STARTED A

SAVINGS GROUP



It isn't as easy to save for the future when you have to
remember to put your Savings away regularly. That's
why it's so much more simple to save through a staff
Savings Group. Everything is done for you...
your Savings are collected each week and invested each
week. It's saving simplified so that you accumulate
money—yet scarcely notice that you've made the
effort of saving.

If there is a Savings Group where you work, join
to-day. Remember, too, Savings are vital to the
Nation's task of reconstruction.

If there isn't a Group, ask your departmental manager,
foreman or shop steward about starting one.

ANOTHER GOOD SAVINGS IDEA!

Every place of employment can run a National Savings
Club as well as a Savings Group. Clubs exist for the
special purpose of helping you to save without disturbing
your normal Savings, for special occasions such as
Christmas, for holidays or for outings. Material for
running Savings Clubs and Groups is supplied free.
Explanatory literature from:

THE NATIONAL SAVINGS COMMITTEE,
20, Great Smith Street, Westminster, London, S.W.1.

It's easier to save in a STAFF SAVINGS GROUP

Issued by The National Savings Committee

It's no gamble to stock

TOWN TALK

the Silver Polish which
ensures regular customers,
to whom your other
wares will also appeal

ORDER DIRECT OR FROM

MANCHESTER: D. Mawdsley & Co. James Woolley Sons & Co., Ltd. LEEDS: Goodalls (Leeds), Ltd. LEICESTER: E. H. Butler & Son.	NEWCASTLE-ON-TYNE: Wilkinson & Simpson LONDON: L'd. Brooks & Warburton, Ltd. May, Roberts & Co. Ltd. Butler & Crispe LIVERPOOL: Ayrton, Saunders & Co. Ltd.
--	---

THE TOWN TALK POLISH CO., Manchester, 10

PHOTOGRAPHIC FINISHING FOR THE TRADE

We are now in the position to handle all kinds of photographic finishing work for the trade, including developing, printing, enlarging, copying etc., also commercial and industrial photography in the Oxford and London districts.

Your enquiry will receive prompt attention.

WILL R. ROSE LTD
Oxford Works
20, St. Ebbes Street
OXFORD

Continuous and Steadily Advertised
FOR DESTROYING RATS AND Good MIC

DANYSZ VIRUS

Retail Price (Protected) Net Wholesale Price
Virus for Rats and Mice, single tube, 2/- 15/- per doz
3 tubes, 5/-
Virus for Mice only, single tube, 1/6 9/-
3 tubes, 3/-

Date-expired tubes returned to us postage paid will be exchanged free of charge.

Danzysz Virus in Liquid Form

Retail Price Wholesale Price
Bottles 6/- each ... 4/6 each
" 4/6 " ... 3/9 "

HALLER'S EXTRACT OF SQUILL and DANZO RAT KILLER

Discount off Retail Prices 25 p.c. Monthly Account
or 33½ p.c. Cash with Order.

	Retail	Monthly A/c	Cash with Order
½ gall. tins	10/-	7/6	6/8
1 " "	18/-	13/6	12/-
5 " "	80/-	60/-	53/4

DANZO BEETLE POWDER

For destroying Blackbeetles, Cockroaches, Crickets, etc.

	Retail Prices (Protected)	Wholesale Prices
In cartons 9d. each	...	6/9 per doz
" 1/6	...	13/6 "
" 3/-	...	27/- "

Danzo Beetle Powder will not deteriorate by keeping.
CARRIAGE PAID ON ALL ORDERS

To be obtained from
HALLER LABORATORIES, LTD.

325, Borough High Street, LONDON, S.E.1
Telegrams: "Virudana, Sedist, London." Telephone: Hop. 974

GOOD NEWS FLASH
Wanie
BLADES
REDUCED TO
1½^D each Including Purchase Tax
TRADE PRICE: 9/9 per gross, PLUS 3/3 per gross Purchase Tax
NOW AVAILABLE



OBTAIN YOUR SUPPLIES FROM YOUR USUAL
WHOLESALE. IF ANY DIFFICULTY Apply to:

LONDON & PROVINCIAL FACTORS LTD
WANIE HOUSE 230 Tottenham Ct. Rd. London W.1
Phone MUSeum 9666. Telegrams WANIEBLADF PHONE LONDON

THE FIRST
D. D. T.
FLY PAPER
WAS PRODUCED
IN THE
LABORATORIES
OF

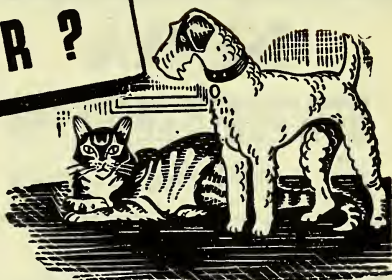
**JAMES
COX
& CO.**

**Cox's
D. D. T.**
FLY & MOTH
PAPERS
ARE
GUARANTEED
100%
IMPREGNATION
AND
TWO YEAR LIFE
NOT JUST A
SURFACE COATED
PAPER
**FLIES DIE IN
5-15 minutes**

Send
postcard
for
samples
and
terms to

**JAMES
COX & CO**

Manufacturing Chemist
30 YORK ROAD

*Have you a***PETS CORNER ?**

Have you weighed up the idea of making the dogs and cats in your district into customers? Pet welfare is becoming an increasing public interest. Pet owners are consulting experts about the health of their dogs and cats. Every chemist can turn these facts to profitable advantage by stocking George Bell's Blood Salts for Dogs, and Cat Powders.

Send for Trade Price List to
BELL & SONS, LTD.
Veterinary Chemist
VER POOL, 13

George **BELLS**
BLOOD SALTS for Dogs ★ CAT POWDERS

**WE PACK YOUR
PRODUCTS**

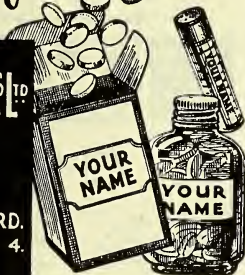
OR MANUFACTURE
AND PACK
ANY
QUANTITY

*Send them
to*

T.J. FAVELL & CO. LTD.
*Manufacturing
Chemists*

192
SEVEN SISTERS RD.
LONDON. N. 4.

Phone -
ARC 1846



Prepare NOW for a
**BIG SUMMER
DEMAND**

for these fast selling lines

"DiDiT" Powder and
Liquid Insecticides and
Fly Papers

TICK Insect Powder

Apply for Bonus Terms

RODMILL CHEMICAL CO. LTD
2-4 ISLINGTON ROW, LIVERPOOL, 3

KENYA PYRETHRUM *for your Insecticide*

Swift



Safe



Certain



**You are invited to consult
the European Agents**

MITCHELL COTTS

AND COMPANY LTD

WINCHESTER HOUSE, OLD BROAD ST. LONDON EC2

Representing the
Kenya Farmers Association (Co-op) Ltd.
Agents under the Sale of Pyrethrum Ordinance.



"CYCLOCHEM" EM. 630

for Leg Make-up Preparations
of Liquid or Creamy
Consistency

Ask for our 24-page Handbook
"Cyclochem Self-Emulsifying Waxes"

EM. 194 SOLUBILISING AGENT

for the production of
clear, aqueous solutions
of Essential Oils and
Perfumery Synthetics

CYCLO CHEMICALS LTD.

Wax Refiners and Chemical Manufacturers
MANFIELD HOUSE, STRAND, LONDON, W.C.2

GENUINE EGYPTIAN HENNA POWDER
(Minimum 7lb. Lots)
4/6d. per lb. nett.

LIQUORICE JUICE STICKS
(Minimum 4lb. Lots)
5/3d. per lb. nett.

Both items cash with order, carriage paid.

**PROMPT DELIVERY FROM STOCK
ORDER NOW !!**

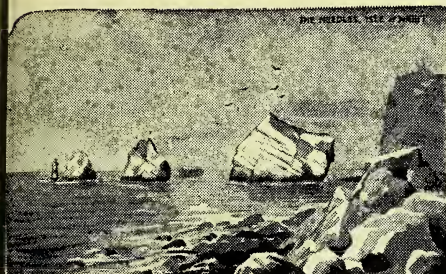
The Faylene Manufacturing Company
15 Queens Court, Lower Briggate, Leeds 1
Telephone 22594

OF ALL KINDS LABELS FOR THE CHEMIST



Telephone 21725.

SEND FOR SAMPLES TO
BRIGGS & BAMFORTH
CHEMISTS' PRINTERS,
KINGS AVENUE, LEEDS 6.



A Notable Landmark typifying
the Enduring Qualities
of

Milward's
VIM REGD.
TRADE
MARK

HYPODERMIC NEEDLES & SYRINGES

THERE is increasing evidence of the high regard that surgeons have for Vim Needles and Syringes. They are instruments of precision, made as well as they can be made—which explains their reliability and ever-rising sales. VIM STAINLESS STEEL HYPODERMIC NEEDLES are rust-resisting—with razor-sharp edges.

VIM SYRINGES have the following advantages: special "heat-resistant, slow-ground" glass; *individually* mated glass plungers working in *individually* calibrated barrels; superb craftsmanship. Repair service available. Sizes 1 c.c. to 20 c.c. Limited supplies. Enquiries welcomed.

Chas. F. Hackray
LTD



THE OLD MEDICAL SCHOOL, PARK ST., LEEDS, 1, & 38 WELBECK ST., LONDON, W.1.

A Point Free Food Addition

SUPPLIES NOW AVAILABLE

DR. SPICER'S

MALTED TABLETS

in 6d. glass vials

Charged to Chemists at 51/- per gross nett in cartons containing 3-gross vials. From Wholesalers.

Enquiries to:

AFFINED BASIC CHEMICALS LTD

EMPIRE WORKS, DESBOROUGH ROAD,
HIGH WYCOMBE, BUCKS.

(B)

Fortifies Food...

● A little VIRDOX sprinkled over food or in beverages adds valuable yeast vitamins to the ordinary diet. Recommended to correct malnutrition, digestive troubles, lassitude, anæmia and "nerviness." Retailing at 3/6 per 8 oz. tin, VIRDOX is a profitable line for all Chemists.

Write today for full details
of generous Trade Terms.

Home and Overseas Agents required.

VIRDOX
nutrition REGD.

VIRDOX, 75, KINGSWAY, LONDON, W.C.2

SUMMER SUNSHINE *plus*



BUTESIN PICRATE OINTMENT

In the treatment of painful sunburn, quick relief is obtained by the use of this ointment. The analgesic effect of Butesin plus the antiseptic action of Metaphen is so pronounced that pain speedily subsides after application and the possibility of infection is minimised. Also recommended in the treatment of non-specific ulcers, minor lacerations and abrasions. Supplied in 1 and 2 oz. tubes.

This BONUS offer is available to Retail Pharmacists until 31st August. Orders should be placed direct **NOW**



METAPHEDRIN INHALANT No. 99

The combination of antiseptic and shrinking action rapid non irritating penetration, smooth blandness and prolonged action makes Metaphedrin Inhalant No. 99 a well tolerated and useful agent for the treatment of nasal congestion in Hay Fever and Summer Head Colds. Metaphedrin Inhalant No. 99 applied topically with a dropper or sprayed from atomizer.

ABBOTT LABORATORIES (ENGLAND) LTD

WADSWORTH ROAD

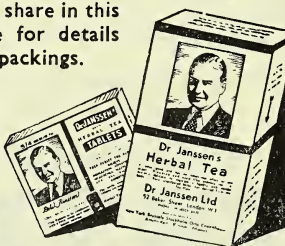
- PERIVALE -

MIDDLESEX

Dr. JANSSEN'S BRAND TEA & TABLETS



These tonic remedies for figure fitness are in greater demand than ever. National advertising stimulates this demand and makes them ready sellers. Supplies are readily available. If you want to share in this demand write for details of prices and packings.



● Wholesale distributing agents are wanted in most areas throughout the country.

Dr. JANSSEN LTD
52, BAKER ST. LONDON. W.1.

For SURGICAL DRESSINGS and
CHEMISTS' SUNDRIES

Try: — **THE CHEMISTS' SUNDRIES**
(Wholesale) Co.

Bamber Bridge, Preston, Lancashire Phone: 85403



Containers of Metal
Glass, Aluminium
and Plastic

(PERCENTA LTD). Tel: Hop 0516 (6 lines)
(Dpt. 23) Percenta House, 130/2 Tooley St., London, S.E.

HALMAGON

Brand Tablets

WRITE FOR OUR
NEW SHOWCARD

Ask your Wholesaler

4-Tube Box 3/11½: 15-Tube Box 11/10
(Including Purchase Tax)

Sole Distributors:

MARSHALL'S PROPRIETARIES LTD.
127/133 High Street, Croydon.

MODEL G
24'



The DEEDON

ALL-PLASTICS INHALERS

MODEL B
18'



Models suitable for:-

AQUEOUS SOLUTIONS - OILY SOLUTIONS
INSUFFLATION OF POWDERS

Ideal for the administration of BROVON Inhalant, and
Penicillin for inhalation; write for illustrated pamphlet
giving details of technique and prices.

GUARANTEED FOR ONE YEAR

MOORE MEDICINAL PRODUCTS LTD ABERDEEN
SCOTLAND

**PUBLIC
GOODWILL**

Box's Pills have kept this
Flag Flying for over 50
years and the demand now
is greater than ever.

P.A.T.A.

PRICES
(Inc. P. Tax)

1/3 3/-
4/10½

12/- & 21/9



Box's Pills

W.H. BOX
161
KING STREET,
PLYMOUTH.

CONTROL OF HEAD LICE

Nits and Head Lice can now be dealt with
quickly and economically without unpleasant
evidence of treatment.

An N.W.F. formula now being used extensively
by Public Health Authorities.

'Semploria'
BRAND

MEDICATED (LETHANE) HAIR OIL N.W.F.

Insecticide for control of Nits and Head Lice

★

**'SEMPLORIA' MEDICATED (LETHANE) HAIR OIL IS
IN URGENT AND RAPIDLY INCREASING DEMAND**

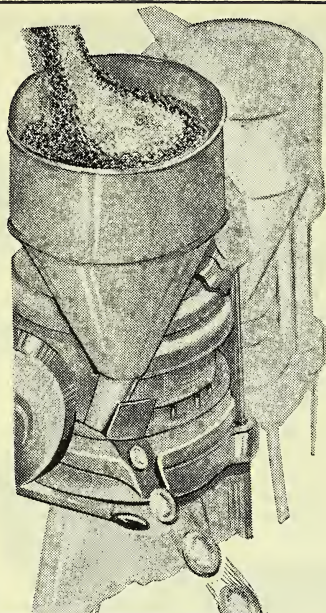
Retail (2-oz.) 1/1½d. including P.T.

List 8/- doz. Packed in 2-dozen outers.

P.A.T.A.

STEMCO LTD., 128, Albert Street, London, N.W.1

Agents in Eire—May Roberts (Ireland) Limited, Dublin



A STEADY FLOW of orders marks the growth of our reputation as **TABLET MAKERS TO THE TRADE**

Standard or special formulæ.
Packing facilities available.
Special attention to exporters.
Capacity now available for

PROMPT EXECUTION OF ORDERS

Verva

LTD.

**HIGH PATH, MERTON
LONDON, S. W. 19**

Telephone :— *LIBerty* 4395

**Acute Gastro - Intestinal
Infections**

DIMOL SYRUP

for

RAPID ACTION

PRICE	Minimum Retail Price	Tax Each	Minimum Wholesale Price
4 oz.	3/6	5d.	29/5 doz.
16 oz.	12/-	1/5	100/10 „

**Whatever the Gastro - Intestinal
condition DIMOL is indicated**

Distributing Agents:

THE ANGLO-FRENCH DRUG CO., LTD.,
11-12, Guilford Street, London, W.C.1.

Telegrams: "Ampsvalas London."
Telephone: HOLborn 6011.

Dimol Laboratories, Ltd.,
34/40, Ludgate Hill, London, E.C.4.

**DR. NIBLETT'S
VITAL RENEWER
NERVE SEDATIVE**

TRADE TERMS—33½% to Chemists or
through your Wholesaler.

Retail Price 5/- per bottle, including tax.

Prepared by **C. P. NIBLETT** Est. 1870

10, Lichfield Terrace

RICHMOND, SURREY. Phone: RIC 3221

ASPIRIN 309

Supplies of this New, Palatable and
convenient form of Aspirin—with the
lemon flavour—are immediately avail-
able. Extensive Advertising supports
you and attractive display material
sent upon request.

Manufactured by:

SMITH, SAVILLE & PARTNERS Ltd.

Willshaw St., London, S.E.14

BEAR HONEY

BRAND

**BULK AND PACKED
FOR MANUFACTURING
AND TABLE USE**

L. GARVIN & Co. Ltd.

BRANCH

**THE BEAR HONEY CO. LTD.
ISLEWORTH, MIDDLESEX**

Hounslow 3483/4

SALES STILL RISING

Results Convincing and
the Good News Spreading

H.B.T. Chlorophyll and Yeast Tablets

for

Rejuvenation and Vital Energy

They contain no drugs, a safe and
sure recommendation for your clients.

3/- & 6/- Incl. Pur. Tax.

Through any Wholesaler or direct from

HUNTER BEATTIE PRODUCTS LTD.

Glasgow S.E.

B.C.M./H.B.T. London, W.C.1

NOW IN FULL DEMAND!



**HEALTH SALTS
IN TABLET
FORM**

Packed in outers of 2
doz. Price 9/6 doz.
Tax 1/7. Retailing
at 1/8 including tax.

**BREATH
PURIFIERS**

In 1/2 gross outers. Price 30/- gross. Tax 5/-
Retailing at 4d. packet, including tax.

Enquiries to:—

EMMET

DISTRIBUTING COMPANY LTD.
140 PARK LANE, LONDON, W.1

MARKSMAN**Sponges**

MARKSMAN BRAND for satisfaction.
Early delivery can be given.

Leslie Marks & Company Ltd

Importers and Exporters of Fine Sponges,
Chamois Leather Dressers.

7 & 9 EARLHAM ST., CAMBRIDGE CIRCUS
LONDON, W.C.2. Temple Bar 6135/6

New . . !**EVAN
WILLIAMS**

present
their new
product—

**Liquid TINTENNA**

—a true Synthetic henna which gives the satisfactory
results of henna with perfect safety.

It will meet with general approval from all women with
brown or auburn hair who wish to maintain and
accentuate the natural tones of their hair without
frequent visits to their hairdresser.

Easy to use . . . safe to use . . . produces those true
henna tints and emphasises the natural hair tones.

Supplied in attractive containers with full directions.
Basic Wholesale Price 24/- per doz. Retail price 5/- each
plus 100% tax. incl. tax.

True Henna Tones for Brown & Auburn Hair

Evan Williams Co. Ltd., Aintree Road, PERIVALE,
Greenford, Middlesex.

Supplies of SOAP**?**

Q. Where can we get our
asks the Chemist.

A. The Distributors of Maida
Soap can supply you
EXACT allocation (no limit
for next and subsequent
Ration Periods.

3 oz., 6 oz.—1 and 2 Rations—Green or
White 59/3 and 118 6 per gross. Less 1/
and 2/- per gross respectively CASH
DISCOUNT.

Do Not Delay—send S.P.3 now (state
quantity and colours). Delivery within
the First Week of the Ration Period

Finley-Kale, Ltd

21 BALHAM HILL, LONDON, S.W.12
TELEPHONE —TULSE HILL 1620

**2nd DYANESE 3rd
FADELESS DYES**

STOCKING (except Black), 16/- gross

CURTAIN & COLD WATER, 24/- gross

(including Black Stocking)

Please order from our Sole Agents

Gt. Britain—W. B. Cartwright, Ltd., Rawdon, Leeds.
N. Ireland—T. McMullan & Co. Ltd., 42, Victoria Street, Belfast
Eire—May Roberts (Ireland) Ltd., Grand Canal Quay, Dublin, C.6

MANUFACTURERS

We are now expanding our selling organisation
which is Nation-wide and covered by Resident
Representatives. We cordially invite you to contact
us if you manufacture Paper Toilet Sundries,
Brushware, Manicure Accessories including
Combs and General Toilet Requisites.

ANGEENE **DISTRIBUTING
AGENTS**
20 PARKSIDE, LONDON, N.W.2

Maintain the Reputation of your Pharmacy

Another Technical Lead Another "Plus" Product

LARGE PROFIT PER UNIT SALE

SKREEN

ODOURLESS INSECT REPELLENT

SCREENS the skin from gnat,
midge, mosquito and fly bites,
and from sunburn soreness

"PLUS" FACTORS

- (1) Contains the well-tried di-methyl Phthalate (D.M.P.) but, in addition, higher Phthalic acid and other esters to prolong the period of protection after application to cover the requirements of common usage
- (2) Offered in the form of a light milk which reduces to a minimum the innate oiliness of the active ingredients.
- (3) SCREENS THE SKIN FROM SUNBURN SORENESS.

4-oz. bottles at 3/- incl. tax.

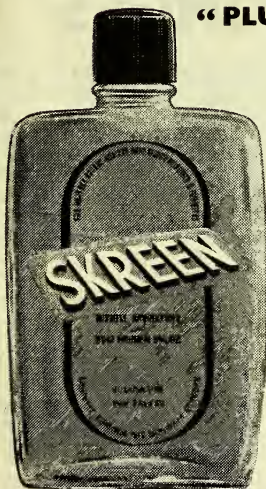
SHOWS YOU 10 $\frac{3}{4}$ d. PROFIT PER SALE

Supplied in 1-dozen or 3-dozen cartons including an attractive showcard/showstand.

SUPPLIES BY RETURN

R. DEMUTH LTD. FARNHAM, SURREY

Phone: Farnham 5194





In bottles, popular size
9/6 per dozen plus 100% P.T.
Retail — 2/- inc. Tax.

With short supplies and restricted trading we assure the trade we are doing our best to distribute Nufix as fairly as we possibly can under existing difficult circumstances.

WALDEN & CO (NUFIX) LTD LONDON NW9

MANUFACTURERS OF HIGH CLASS TOILET PREPARATIONS

*A quick-selling line
for your counter!*



Attractive display boxes, each containing 1 dozen assorted Chypre, Muguet, Origan, Narcisse, Violette and Lilas. In quality bottles with Bakelite caps and rubber plugs.
Retail 2/6 and 3/9 including P. Tax.
No. 781 (1 Dram size) Illus. 12/- Doz.
No. 783 (2 Dram size) 18/- Doz.
Flat square bottles

Plus Purchase Tax 100%
Carriage Paid, Packing Free.

Please order early to ensure prompt delivery

dellwood limited

creators of high-grade perfumery

SUTHERLAND ROAD . LONDON . E.17

SPONGES

★ SHIPMENTS NOW TO HAND OF HONEYCOMB AND TURKEY SPONGES, FOR ALL TRADE PURPOSES

Prices on Application. Deliveries ex Stock.

M. L. BENJAMIN & CO.

45 OSWALD STREET, GLASGOW, C.1

TEL. No. - - - - - CENTRAL 5721

The New **ATTRACTION** for the Chemist Trade

The "**BREMAR**"

HANDBAG PERFUME DISPENSER
IN BEAUTIFUL HAND-
ENGRAVED DESIGNS

:: Silver or Gold-plated ::

Apply: **TEZET TRADE LTD.**
32, BERWICK STREET, LONDON, W.1
Agencies for various Districts still open



PERFUME • VANISHING CREAM • LIPSTICK • ROUGE • TOILET SOAP • POWDER

NOTE: This is one of a series of Bourjois advertisements appearing in the national magazines and national dailies to keep the public informed about Bourjois.

MISCELLANEOUS OPPORTUNITIES

BOTTLES

Large quantities available. Dark blue Hex. Poison, Dark blue Square, White Chest, White Shop Round. All Glass Stoppered. Various sizes.

20 gross (approx.) Drop Stoppered Bottles for passive defence—1 oz.

170/734. C. & D. OFFICE

OPTICAL TUITION

FOR THE

S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars:—

C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O.,
F.I.O., F.C.O., M.P.S.

50 HIGH STREET, BARNET, LONDON, N.

Wanted: MICRO COVER GLASSES
18 x 18 and 21 x 21 mm.

PLASTIC FUNNELS

Send your offer to:

GLASFABRIEKEN A. J. BAKKER,
GRONINGEN, NETHERLANDS

Aspirin Tablets 5 grains.

Large quantities available for immediate delivery.

PHENACETIN. 2 cwt. available for immediate delivery. **WHAT OFFERS** Write
1/65 C. & D. Office

EGYPTIAN HENNA FINEST

3/6 lb. in cwt. lots.

Special prices for larger quantities.

MINERALOIL WHITE ODOURLESS

In 5 and 40 gallon drums.

L.L.N. & CO. LIMITED, 216. Anlaby Road, Hull

● Ex R.A.F. Film!!

(Fully Guaranteed)

56' x 5½" Panchromatic £3 per tin
155' x 9" H.S. Pan - £17 " "
300' x 9" HP3 & HSP £33 " "

All prices incl. Purchase Tax. Orders over £7 free delivery. Width cutting 5/-, 15/-, 25/- per tin respectively

PLATTS, PAGE & CO. LTD.

175, PICCADILLY, W.1

MAYfair 2285

D.D.T.—Insecticidal spray made to formula of products we supplied to H.M. Government during the war. Packed in 5-gallon free drums. Carriage paid on 5 drums. 17/6 per drum nett.

SECTO CO., LTD., Blackburn, Lancs.

POWDER PUFFS

50 gross of 2 inch lambs-wool powder puffs, packed in cello bags. To be sold at a ridiculous price.

Apply to:

JOSEPH LEADER

4, Tenter Ground, Spitalfields, E.1.

REGULAR SUPPLIES OF

IRON POWDER

of various grades

Box No. 0.100,

c/o Jackson's, 16 Gracechurch St., E.C.3.

FOR DISPOSAL, 35 gross 2 oz. fancy bottles with lite caps. 40 gross 1½ oz. fancy bottles with bakelite caps. 30 gross 1 oz. flat bottles with bakelite caps. 50 gross 1 oz. opal jars with bakelite caps. 20 gross 1 oz. clear jars with metal caps. 50 gross 2 oz. clear jars with bakelite caps.

H. S. BOTTLE CO., LTD.,

15A Whitcomb Street, Pall Mall East, London, W.C.2

BOTTLES FOR EARLY DELIVERY

New Bottles of all types available for early delivery. Sizes ½ oz. to 8 ozs. Medicals and Toilets. Send full details of your requirements, stating sizes and quantities to Box 164/542, C. & D. Office.

SACKER'S HYGIENIC COMB (all metal). Removes NITS and all Head Pests. Recommended by The Ministry of Health, FOR HOSPITALS, CLINICS and PUBLIC USE. REASONABLE SUPPLIES NOW AVAILABLE from your wholesaler or Saquerre Ltd., 62 Brook Street London, W.1

PRE-PACKING & LABELLING

(We can now accept fresh orders)

LIQUIDS: From Bulk into any size bottle from ½ oz.

POWDERS & TABLETS: Mixed and packed to customers Specifications.

J. H. WISEMAN & CO. LTD.

100 Blackstock Road, Finsbury Park, N.4.

We have available for disposal, ex stock, large quantities of

NEW BOTTLES AND JARS

In various sizes, regular supplies

Enquiries are invited

Apply Box No. 173/825, C & D Office

Quinine *and Salts*

& ALL CINCHONA PREPARATIONS

Manufactured at our Garden City
Factory and now released in limited
supplies

CARNEGIE QUININE WORKS LTD.

ASSOCIATED WITH CARNEGIE CHEMICALS (WELWYN) LTD

WELWYN GARDEN CITY

HERTFORDSHIRE

PHONE: WELWYN GARDEN 506

GRAMS: CARNECHEM, WELWYN GARDEN





The ethical medical preparation for
the treatment of Asthma. Prescribed
consistently by Doctors in Hospital,
Private Practice and Government
Departments



BRITISH FELSOL COMPANY LTD.
WIGTON HOUSE, 206-212 ST. JOHN STREET, CLERKENWELL, LONDON, E.C.1
Telephone: CLERkenwell 5862. Cables: 'Felsol,' Smith, London

